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# 1967 DATA TABULATIONS AND SUMMARIES CHICAGO

Continuous Air Monitoring Projects

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Hourly average concentrations of six gaseous pollutants (carbon monoxide, nitric oxide, nitrogen dioxide, sulfur dioxide, total hydrocarbons, and total oxidants) and 2-hour measurements of soiling index are tabulated. A brief summary of monthly means and maximums and graphs of seasonal diurnal patterns of gaseous pollutants are also included. Annual frequency distributions of the data pertaining to gases and soiling index are tabulated for the CAMP stations in Cincinnati, Denver, Philadelphia, St. Louis, and Washington, D. C. as well as for Chicago.

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| | |
|---|---|
| Air pollution | Aerosols |
| Urban areas | Concentration (composition) |
| Carbon monoxide | Arithmetic mean |
| Nitrogen oxide (NO) | Frequency distribution |
| Nitrogen dioxide | Experimental data |
| Sulfur dioxide | Continuous sampling |
| Hydrocarbons | Environmental surveys |
| Oxidizers | Periodic variations |
| | Seasonal variations |
| | Diurnal variations |

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Soiling Index
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# 1967 DATA TABULATIONS AND SUMMARIES
# CONTINUOUS AIR MONITORING PROJECTS
# NATIONAL AIR SURVEILLANCE NETWORKS
# CHICAGO

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service
Consumer Protection and Environmental Health Service
National Air Pollution Control Administration
Division of Air Quality and Emission Data
Arlington, Virginia
April 1969

# PREFACE

One of the Continuous Air Monitoring Projects of the National Air Surveillance Networks is to routinely operate continuous monitoring stations in six major cities. The data tabulations in this report consist of hourly average concentrations of six gaseous pollutants (carbon monoxide, nitric oxide, nitrogen dioxide, sulfur dioxide, total hydrocarbons, and total oxidants), and 2-hour measurements of soiling index levels in Chicago during 1967. A brief summary of monthly means and maximums and graphs of seasonal diurnal patterns of gaseous pollutants at the Chicago station are included. Annual frequency distributions of the data pertaining to gases and soiling index are presented for all six CAMP stations.

Summaries of 1967 data for Cincinnati, Denver, Philadelphia, St. Louis, and Washington, D.C., are available from the National Air Pollution Control Administration. Similar data summaries have been or shortly will be published along with various analyses and interpretative material for previous years' operations.

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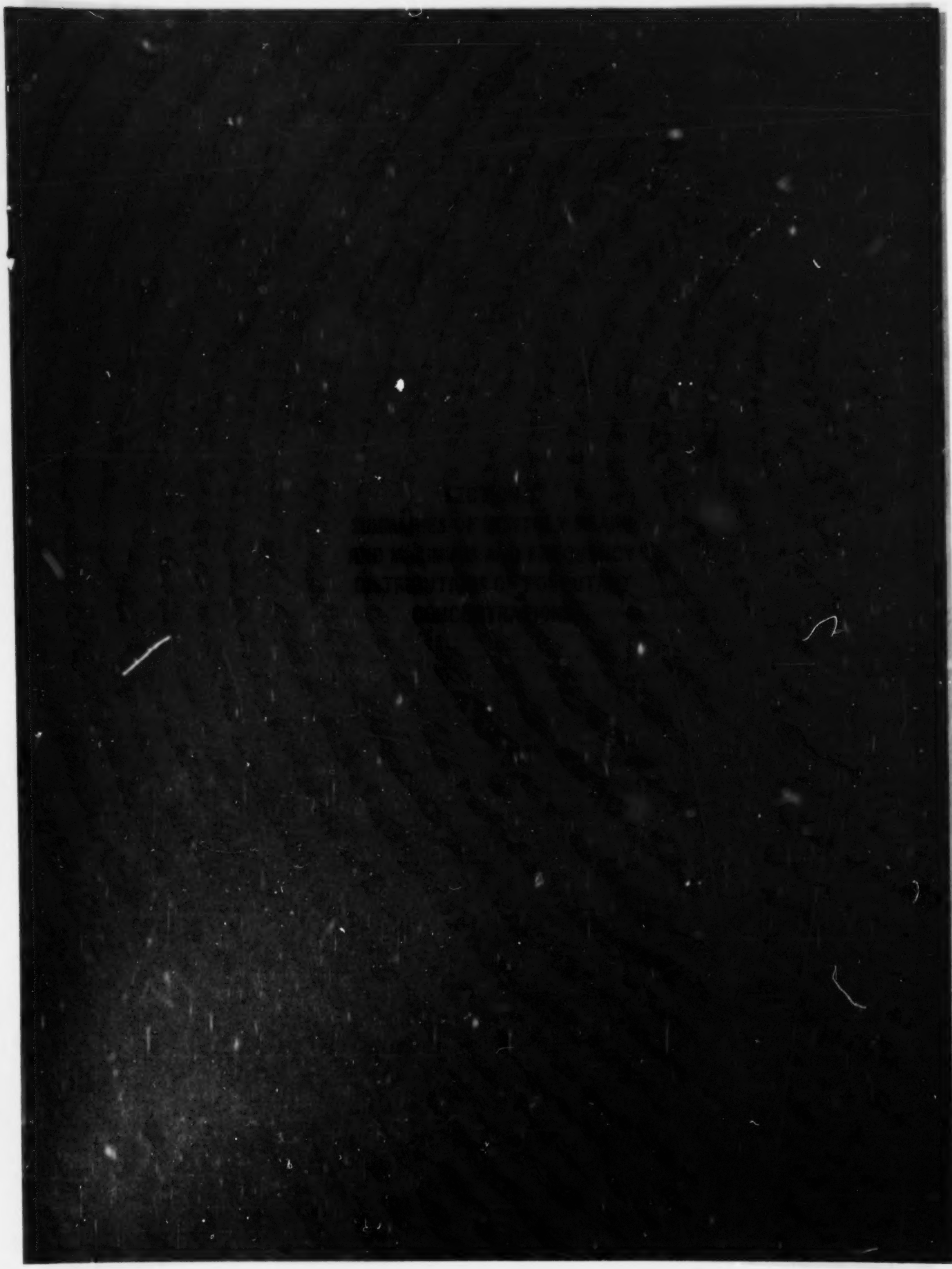

Table 1-1. SUMMARY OF MONTHLY MEAN AND MAXIMUM CONCENTRATIONS OF CARBON MONOXIDE

| Month | Days valid data | Monthly average conc., ppm | 24-hour maximum concentration | | Maximum hourly average concentration | | | Maximum 5-minute instrument concentration | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | ppm | Date | ppm | Date | Hour | ppm | Date | Time |
| JAN. | 0 | A | | | | | | | | |
| FEB. | 0 | A | | | | | | | | |
| MARCH | 0 | A | | | | | | | | |
| APRIL | 0 | A | | | | | | | | |
| MAY | 19 | 9.6 | 23. | 20* | 34. | 16 | 22 | 41. | 16 | 2205 |
| JUNE | 16 | A | 22. | 9 | 34. | 1 | 7 | 47. | 10* | 1540 |
| JULY | 17 | 8.9 | 18. | 21 | 35. | 21 | 19 | 52. | 21 | 2010 |
| AUG. | 30 | 11.1 | 22. | 19* | 32. | 18 | 16 | 48. | 18 | 1610 |
| SEPT. | 19 | 9.4 | 17. | 8 | 56. | 8 | 6 | 63. | 8 | 605 |
| OCT. | 20 | 8.7 | 18. | 3 | 27. | 5 | 6 | 34. | 5 | 705 |
| NOV. | 21 | 6.4 | 9. | 9 | 23. | 10 | 7 | 31. | 9 | 1655 |
| DEC. | 31 | 5.9 | 10. | 9* | 22. | 28 | 15 | 36. | 10# | 1800 |
| YEAR | 173 | 8.8 | 23. | | 56. | | | 63. | | |

Table 1-2. SUMMARY OF MONTHLY MEAN AND MAXIMUM CONCENTRATIONS OF NITRIC OXIDE

| Month | Days valid data | Monthly average conc., ppm | 24-hour maximum concentration | | Maximum hourly average concentration | | | Maximum 5-minute instrument concentration | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | ppm | Date | ppm | Date | Hour | ppm | Date | NE Time |
| JAN. | 27 | 0.084 | 0.19 | 13 | 0.39 | 4 | 8 | 0.42 | 4 | 820 |
| FEB. | 20 | 0.079 | 0.10 | 8 | 0.24 | 6 | 12 | 0.29 | 6 | 1210 |
| MARCH | 31 | 0.101 | 0.14 | 2 | 0.37 | 13 | 8 | 0.41 | 13 | 745 |
| APRIL | 23 | 0.089 | 0.18 | 5 | 0.44 | 5 | 8 | 0.49 | 5 | 825 |
| MAY | 31 | 0.071 | 0.14 | 16 | 0.50 | 16 | 23 | 0.55 | 16 | 2340 |
| JUNE | 27 | 0.064 | 0.13 | 21 | 0.28 | 25# | 22 | 0.31 | 25# | 2220 |
| JULY | 27 | 0.058 | 0.09 | 13 | 0.19 | 29 | 6 | 0.26 | 21 | 700 |
| AUG. | 31 | 0.076 | 0.15 | 12* | 0.53 | 28 | 7 | 0.59 | 28 | 730 |
| SEPT. | 24 | 0.063 | 0.13 | 6 | 0.63 | 6 | 6 | 0.69 | 6 | 650 |
| OCT. | 29 | 0.061 | 0.10 | 19 | 0.32 | 21* | 23 | 0.35 | 21 | 2335 |
| NOV. | 28 | 0.079 | 0.15 | 15 | 0.45 | 15 | 8 | 0.47 | 15 | 840 |
| DEC. | 31 | 0.094 | 0.17 | 27 | 0.34 | 27 | 7 | 0.37 | 27 | 725 |
| YEAR | 329 | 0.077 | 0.19 | | 0.63 | | | 0.69 | | |

AAverage not calculated because of insufficient or poorly distributed data.
*Indicates Saturday.
#Indicates Sunday.

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**Table 1-3. SUMMARY OF MONTHLY MEAN AND MAXIMUM CONCENTRATIONS OF NITROGEN DIOXIDE**

| Month | Days valid data | Monthly average conc., ppm | 24-hour maximum concentration | | Maximum hourly average concentration | | | Maximum 5-minute instrument concentration | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | ppm | Date | ppm | Date | Hour | ppm | Date | Time |
| JAN. | 17 | 0.041 | 0.06 | 13 | 0.08 | 13 | 12 | 0.09 | 13 | 1305 |
| FEB. | 26 | 0.045 | 0.06 | 20 | 0.10 | 6 | 12 | 0.17 | 6 | 1300 |
| MARCH | 30 | 0.060 | 0.08 | 10 | 0.11 | 25* | 16 | 0.12 | 25* | 920 |
| APRIL | 30 | 0.062 | 0.10 | 12 | 0.14 | 12 | 18 | 0.17 | 5 | 1125 |
| MAY | 30 | 0.059 | 0.10 | 25 | 0.16 | 25 | 13 | 0.17 | 25 | 1340 |
| JUNE | 26 | 0.065 | 0.11 | 4# | 0.15 | 26 | 8 | 0.16 | 26 | 830 |
| JULY | 27 | 0.050 | 0.07 | 21 | 0.12 | 11 | 10 | 0.24 | 11 | 1245 |
| AUG. | 29 | 0.053 | 0.10 | 15 | 0.16 | 2 | 16 | 0.17 | 2 | 1625 |
| SEPT. | 22 | 0.040 | 0.11 | 8 | 0.25 | 8 | 8 | 0.29 | 8 | 900 |
| OCT. | 31 | 0.032 | 0.06 | 1# | 0.10 | 14* | 16 | 0.12 | 30 | 950 |
| NOV. | 19 | 0.036 | 0.07 | 7 | 0.12 | 8 | 1 | 0.13 | 8 | 135 |
| DEC. | 20 | 0.034 | 0.05 | 27 | 0.07 | 15 | 11 | 0.09 | 28 | 1625 |
| YEAR | 307 | 0.050 | 0.11 | | 0.25 | | | 0.29 | | |

**Table 1-4. SUMMARY OF MONTHLY MEAN AND MAXIMUM CONCENTRATIONS OF SULFUR DIOXIDE**

| Month | Days valid data | Monthly average conc., ppm | 24-hour maximum concentration | | Maximum hourly average concentration | | | Maximum 5-minute instrument concentration | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | ppm | Date | ppm | Date | Hour | ppm | Date | Time |
| JAN. | 23 | 0.274 | 0.48 | 11 | 0.92 | 18 | 12 | 1.37 | 11 | 1035 |
| FEB. | 27 | 0.317 | 0.65 | 8 | 1.11 | 8 | 5 | 1.62 | 16 | 1330 |
| MARCH | 28 | 0.191 | 0.40 | 9 | 0.84 | 8 | 11 | 1.12 | 8 | 1045 |
| APRIL | 30 | 0.054 | 0.14 | 25 | 0.48 | 4 | 18 | 0.79 | 4 | 1830 |
| MAY | 31 | 0.060 | 0.26 | 18 | 0.87 | 26 | 21 | 1.46 | 26 | 2115 |
| JUNE | 30 | 0.072 | 0.20 | 15 | 0.46 | 15 | 8 | 0.74 | 4# | 1510 |
| JULY | 31 | 0.039 | 0.13 | 22* | 0.34 | 18 | 22 | 0.72 | 21 | 910 |
| AUG. | 31 | 0.052 | 0.19 | 29 | 0.50 | 29 | 9 | 0.69 | 15 | 940 |
| SEPT. | 28 | 0.037 | 0.14 | 20 | 0.47 | 23* | 10 | 0.86 | 23* | 1000 |
| OCT. | 29 | 0.088 | 0.18 | 2 | 0.48 | 1# | 0 | 0.68 | 2 | 2130 |
| NOV. | 30 | 0.174 | 0.31 | 16 | 0.74 | 29 | 8 | 0.92 | 29 | 810 |
| DEC. | 31 | 0.206 | 0.44 | 29 | 0.91 | 29 | 10 | 1.21 | 29 | 1005 |
| YEAR | 349 | 0.125 | 0.65 | | 1.11 | | | 1.62 | | |

AAverage not calculated because of insufficient or poorly distributed data.
*Indicates Saturday.
#Indicates Sunday.

**Table 1-5. SUMMARY OF MONTHLY MEAN AND MAXIMUM CONCENTRATIONS OF TOTAL HYDROCARBONS**

| Month | Days valid data | Monthly average conc., ppm | 24-hour maximum concentration | | Maximum hourly average concentration | | | Maximum 5-minute instrument concentration | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | ppm | Date | ppm | Date | Hour | ppm | Date | Time |
| JAN. | 30 | 2.63 | 4.6 | 23 | 10.0 | 23 | 17 | 13.2 | 23 | 1730 |
| FEB. | 24 | 2.72 | 3.2 | 7 | 5.2 | 6 | 7 | 11.6 | 6 | 750 |
| MARCH | 29 | 2.94 | 3.8 | 10 | 7.7 | 10 | 23 | 14.7 | 16 | 2300 |
| APRIL | 30 | 3.15 | 4.9 | 5 | 9.1 | 16# | 18 | 14.5 | 4 | 2355 |
| MAY | 31 | 2.91 | 4.1 | 16 | 11.3 | 16 | 23 | 18.1 | 16 | 2250 |
| JUNE | 30 | 3.63 | 4.9 | 21 | 9.0 | 18# | 5 | 16.4 | 18# | 540 |
| JULY | 29 | 3.44 | 4.7 | 21 | 7.9 | 21 | 3 | 15.7 | 24 | 2315 |
| AUG. | 24 | 3.29 | 4.1 | 25 | 7.6 | 15 | 0 | 14.8 | 15 | 30 |
| SEPT. | 30 | 3.27 | 5.2 | 8 | 13.2 | 8 | 6 | 14.9 | 8 | 705 |
| OCT. | 31 | 2.94 | 4.5 | 14* | 8.2 | 14* | 0 | 16.4 | 14* | 30 |
| NOV. | 30 | 2.75 | 3.8 | 10 | 7.4 | 9 | 23 | 9.1 | 24 | 2055 |
| DEC. | 31 | 2.83 | 3.8 | 6 | 5.9 | 6 | 17 | 11.5 | 5 | 205 |
| YEAR | 349 | 3.04 | 5.2 | | 13.2 | | | 18.1 | | |

**Table 1-6. SUMMARY OF MONTHLY MEAN AND MAXIMUM CONCENTRATIONS OF TOTAL OXIDANTS**
**(maximums between the hours of 1100 and 1655 only)**

| Month | Days valid data | Monthly average conc., ppm | 24-hour maximum concentration | | Maximum hourly average concentration | | | Maximum 5-minute instrument concentration | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | ppm | Date | ppm | Date | Hour | ppm | Date | Time |
| JAN. | 20 | 0.014 | 0.05 | 24 | 0.05 | 24 | 13 | 0.10 | 13 | 1610 |
| FEB. | 7 | A | 0.02 | 19# | 0.03 | 22 | 11 | 0.07 | 19# | 1340 |
| MARCH | 21 | 0.024 | 0.05 | 2 | 0.05 | 29 | 16 | 0.11 | 12# | 1635 |
| APRIL | 19 | 0.031 | 0.04 | 26 | 0.10 | 21 | 13 | 0.12 | 13 | 1530 |
| MAY | 23 | 0.037 | 0.07 | 10 | 0.07 | 30 | 13 | 0.12 | 10 | 1240 |
| JUNE | 23 | 0.044 | 0.08 | 4# | 0.14 | 4# | 16 | 0.16 | 4# | 1615 |
| JULY | 22 | 0.033 | 0.05 | 22* | 0.14 | 21 | 13 | 0.17 | 21 | 1345 |
| AUG. | 31 | 0.032 | 0.05 | 2 | 0.11 | 2 | 15 | 0.14 | 2 | 1440 |
| SEPT. | 23 | 0.035 | 0.06 | 6 | 0.16 | 8 | 12 | 0.18 | 8 | 1220 |
| OCT. | 28 | 0.027 | 0.06 | 30 | 0.07 | 31 | 12 | 0.14 | 30 | 1540 |
| NOV. | 25 | 0.023 | 0.05 | 10 | 0.08 | 10 | 13 | 0.12 | 9 | 1640 |
| DEC. | 13 | A | 0.04 | 6 | 0.06 | 10# | 16 | 0.09 | 6 | 1610 |
| YEAR | 255 | 0.029 | 0.08 | | 0.16 | | | 0.18 | | |

A Average not calculated because of insufficient or poorly distributed data.
*indicates Saturday.
#indicates Sunday.

**Table 1-7. FREQUENCY DISTRIBUTION OF CONCENTRATION OF GASEOUS ATMOSPHERIC POLLUTANTS**
**(5-minute values, concentration in parts per million)**

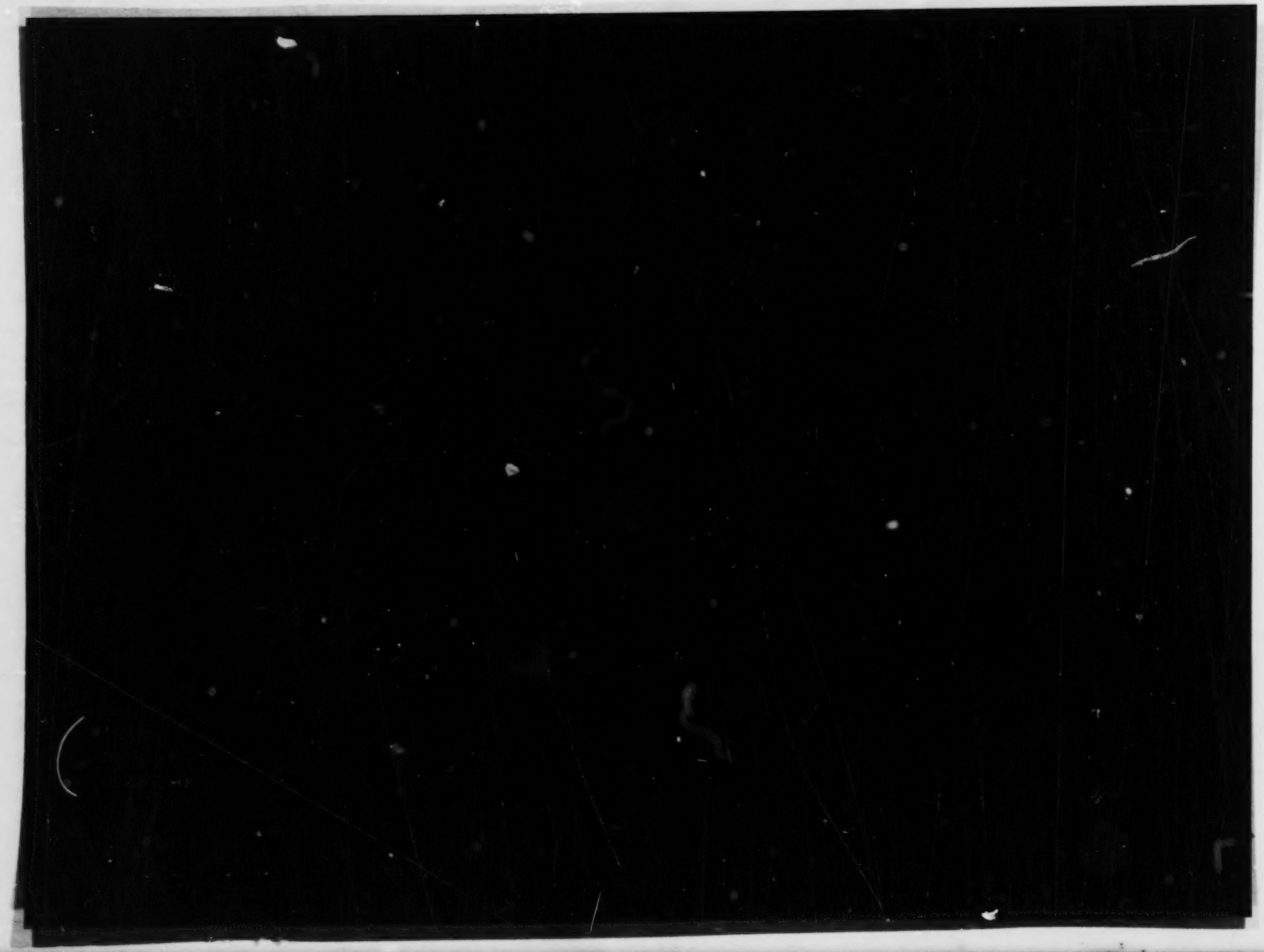
| City/pollutant | Valid data, % | Minimum | Frequency distribution, percent | | | | | | | | Maximum | Arithmetic mean |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 10 | 30 | 50 | 70 | 90 | 95 | 98 | 99 | | |
| CHICAGO | | | | | | | | | | | | |
| CARBON MONOXIDE | 44 | 0 | 2 | 5 | 7 | 11 | 17 | 21 | 25 | 28 | 63 | 8.8 |
| NITRIC OXIDE | 80 | .00 | .01 | .04 | .07 | .09 | .15 | .19 | .23 | .27 | .69 | .076 |
| NITROGEN DIOXIDE | 75 | .00 | .02 | .04 | .05 | .06 | .08 | .09 | .11 | .12 | .29 | .049 |
| SULFUR DIOXIDE | 93 | .00 | .01 | .03 | .07 | .15 | .32 | .43 | .57 | .68 | 1.62 | .125 |
| HYDROCARBON | 92 | .0 | 2.1 | 2.4 | 2.8 | 3.3 | 4.3 | 4.9 | 5.8 | 6.6 | 18.1 | 3.04 |
| TOTAL OXIDANT | 60 | .00 | .00 | .02 | .03 | .04 | .06 | .07 | .08 | .10 | .18* | .028 |
| CINCINNATI | | | | | | | | | | | | |
| CARBON MONOXIDE | 75 | 0 | 3 | 4 | 5 | 7 | 9 | 10 | 12 | 14 | 47 | 5.6 |
| NITRIC OXIDE | 69 | .00 | .00 | .01 | .02 | .03 | .07 | .11 | .18 | .26 | 1.46 | .032 |
| NITROGEN DIOXIDE | 77 | .00 | .02 | .02 | .03 | .03 | .04 | .05 | .06 | .07 | .70 | .028 |
| SULFUR DIOXIDE | 61 | .00 | .00 | .01 | .01 | .02 | .04 | .06 | .10 | .13 | .65 | .021 |
| HYDROCARBON | 73 | .0 | 1.7 | 1.9 | 2.2 | 2.5 | 3.7 | 4.8 | 6.3 | 7.3 | 18.7 | 2.51 |
| TOTAL OXIDANT | 57 | .00 | .01 | .02 | .02 | .04 | .06 | .08 | .10 | .11 | .25* | .031 |
| DENVER | | | | | | | | | | | | |
| CARBON MONOXIDE | 79 | 0 | 2 | 4 | 7 | 9 | 14 | 17 | 22 | 27 | 63 | 7.6 |
| NITRIC OXIDE | 55 | .00 | .00 | .01 | .02 | .04 | .09 | .13 | .18 | .22 | .54 | .037 |
| NITROGEN DIOXIDE | 54 | .00 | .02 | .03 | .03 | .04 | .06 | .07 | .09 | .11 | .37 | .037 |
| SULFUR DIOXIDE | 82 | .00 | .00 | .00 | .00 | .00 | .02 | .03 | .04 | .06 | .33 | .005 |
| HYDROCARBON | 86 | .0 | 1.5 | 1.8 | 2.1 | 2.5 | 3.7 | 4.7 | 6.2 | 7.4 | 18.5 | 2.44 |
| TOTAL OXIDANT | 39 | .00 | .01 | .02 | .02 | .03 | .05 | .06 | .08 | .10 | .25* | .027 |
| PHILADELPHIA | | | | | | | | | | | | |
| CARBON MONOXIDE | 88 | 0 | 2 | 4 | 6 | 8 | 11 | 13 | 16 | 19 | 44 | 6.3 |
| NITRIC OXIDE | 80 | .00 | .01 | .02 | .04 | .06 | .14 | .19 | .29 | .42 | 1.74 | .062 |
| NITROGEN DIOXIDE | 85 | .00 | .02 | .03 | .04 | .05 | .07 | .08 | .10 | .12 | .44 | .042 |
| SULFUR DIOXIDE | 81 | .00 | .02 | .04 | .07 | .11 | .22 | .30 | .39 | .46 | 1.12 | .098 |
| HYDROCARBON | 86 | .0 | 1.6 | 1.9 | 2.2 | 2.5 | 3.5 | 4.2 | 5.3 | 6.3 | 14.6 | 2.42 |
| TOTAL OXIDANT | 67 | .00 | .00 | .01 | .02 | .03 | .05 | .07 | .09 | .11 | .19* | .026 |
| METHANE | 85 | .0 | 1.6 | 1.7 | 1.9 | 2.1 | 2.6 | 3.0 | 3.5 | 3.9 | 8.2 | 1.98 |
| NON-METHANE HC | 57 | .0 | .1 | .2 | .4 | .7 | 1.5 | 1.9 | 2.7 | 3.4 | 9.4 | .63 |
| ST. LOUIS | | | | | | | | | | | | |
| CARBON MONOXIDE | 91 | 0 | 2 | 4 | 5 | 6 | 10 | 12 | 16 | 19 | 60 | 5.6 |
| NITRIC OXIDE | 84 | .00 | .00 | .01 | .02 | .04 | .08 | .11 | .15 | .19 | .38 | .034 |
| NITROGEN DIOXIDE | 89 | .00 | .01 | .02 | .02 | .03 | .04 | .05 | .06 | .06 | .17 | .024 |
| SULFUR DIOXIDE | 91 | .00 | .00 | .01 | .01 | .03 | .08 | .12 | .17 | .21 | .90 | .029 |
| HYDROCARBON | 61 | .4 | 2.0 | 2.3 | 2.7 | 3.6 | 4.5 | 5.1 | 6.5 | 7.6 | 11.8 | 3.11 |
| TOTAL OXIDANT | 69 | .00 | .01 | .02 | .03 | .04 | .07 | .08 | .10 | .11 | .27* | .034 |
| WASHINGTON D.C. | | | | | | | | | | | | |
| CARBON MONOXIDE | 87 | 0 | 2 | 3 | 4 | 5 | 8 | 9 | 12 | 15 | 37 | 4.8 |
| NITRIC OXIDE | 85 | .00 | .00 | .01 | .02 | .04 | .12 | .19 | .30 | .38 | 1.26 | .046 |
| NITROGEN DIOXIDE | 81 | .00 | .02 | .03 | .04 | .05 | .07 | .08 | .10 | .11 | .24 | .042 |
| SULFUR DIOXIDE | 44 | .00 | .01 | .02 | .04 | .06 | .10 | .12 | .15 | .18 | .53 | .048 |
| HYDROCARBON | 95 | .5 | 1.8 | 2.0 | 2.2 | 2.5 | 3.3 | 4.1 | 5.6 | 6.9 | 18.0 | 2.46 |
| TOTAL OXIDANT | 78 | .00 | .00 | .01 | .02 | .03 | .05 | .07 | .09 | .11 | .23* | .025 |

*Excluding higher levels occurring before 1100 or after 1655.

**Table 1-8. FREQUENCY DISTRIBUTION OF SOILING INDEX**
**(2-hour measurements, concentration in COHS/1000 lineal feet)**

| City | Valid data* | Minimum | Frequency distribution, percent | | | | | | | | Maximum | Arithmetic mean |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 10 | 30 | 50 | 70 | 90 | 95 | 98 | 99 | | |
| CHICAGO | 100 | .0 | .4 | .7 | 1.0 | 1.4 | 2.3 | 2.8 | 3.4 | 3.8 | 6.4 | 1.21 |
| CINCINNATI | 90 | .0 | .3 | .6 | .9 | 1.4 | 2.2 | 2.7 | 3.4 | 3.7 | 6.3 | 1.14 |
| PHILADELPHIA | 80 | .0 | .2 | .4 | .6 | .9 | 1.6 | 2.0 | 2.5 | 2.8 | 4.2 | .76 |
| WASHINGTON, D C | 70 | .0 | .2 | .5 | .8 | 1.2 | 2.0 | 2.7 | 3.5 | 4.0 | 6.1 | 1.01 |
| ST LOUIS | 80 | .0 | .2 | .5 | .7 | 1.0 | 1.4 | 1.7 | 2.1 | 2.6 | 6.8 | .78 |
| DENVER | 95 | .0 | .3 | .5 | .8 | 1.1 | 1.9 | 2.3 | 3.0 | 3.4 | 7.3 | .95 |

*Reported to nearest 5 percent. Values greater than 6.0 underestimate actual value.



## CHICAGO SEASONAL DIURNAL PATTERNS

Beginning with this year's publications, the annual reports of the Continuous Air Monitoring Projects include graphs showing the seasonal diurnal patterns for carbon monoxide, nitric oxide, nitrogen dioxide, sulfur dioxide, total hydrocarbons, and total oxidants.

Figures 1 through 6 present the seasonal patterns for these six pollutants. Each figure contains four curves, one representing each season, as follows: solid line for spring, long-dashed line for summer short-dashed line for autumn, and a mixed-dashed line for winter.

Each curve represents a composite of the approximately 90 daily patterns in each season, plotted by computer using 15-minute averages derived from the basic 5-minute measurements. Dotted lines indicate portions of the curve for which insufficient data are available to provide a valid seasonal average.

The seasons are defined as follows: Winter consists of December, 1966, and January and February, 1967; spring consists of March, April, and May; summer consists of June, July, and August; and autumn consists of September, October, and November, 1967.

It should be noted that CAMP stations operate on a Standard Time basis. Consequently, during the seasons of daylight Savings Time, 1-hour shifts may be noted in the diurnal patterns of certain pollutants because of a shift in the patterns of human activity that generate these pollutants.

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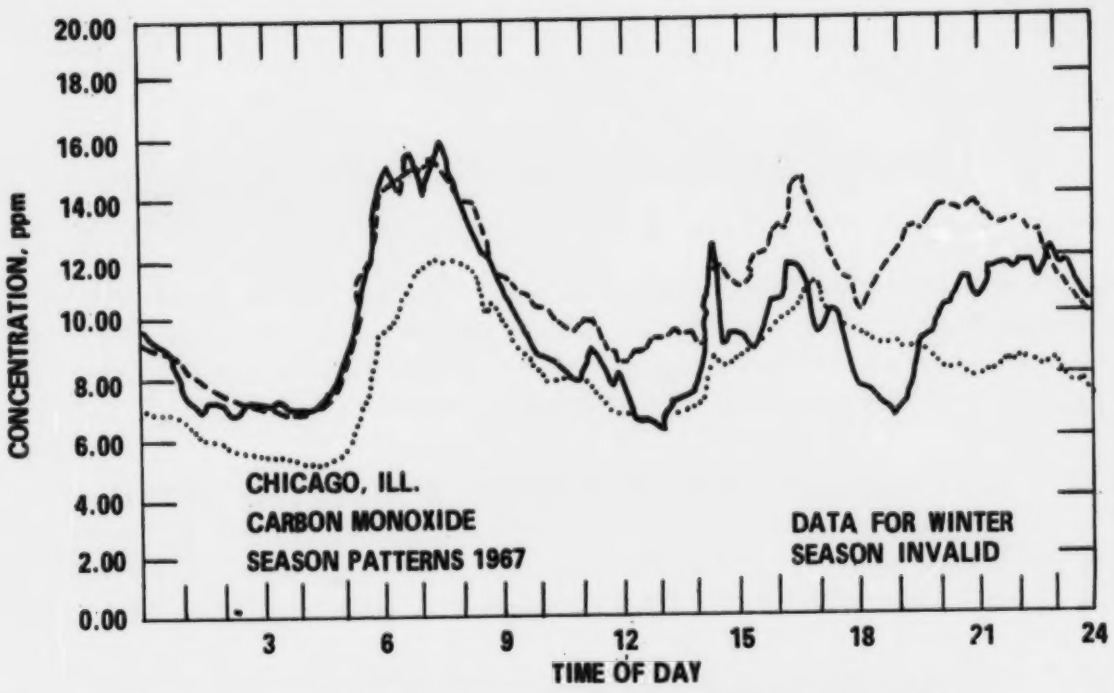


Figure 1. Seasonal diurnal patterns of carbon monoxide concentration.

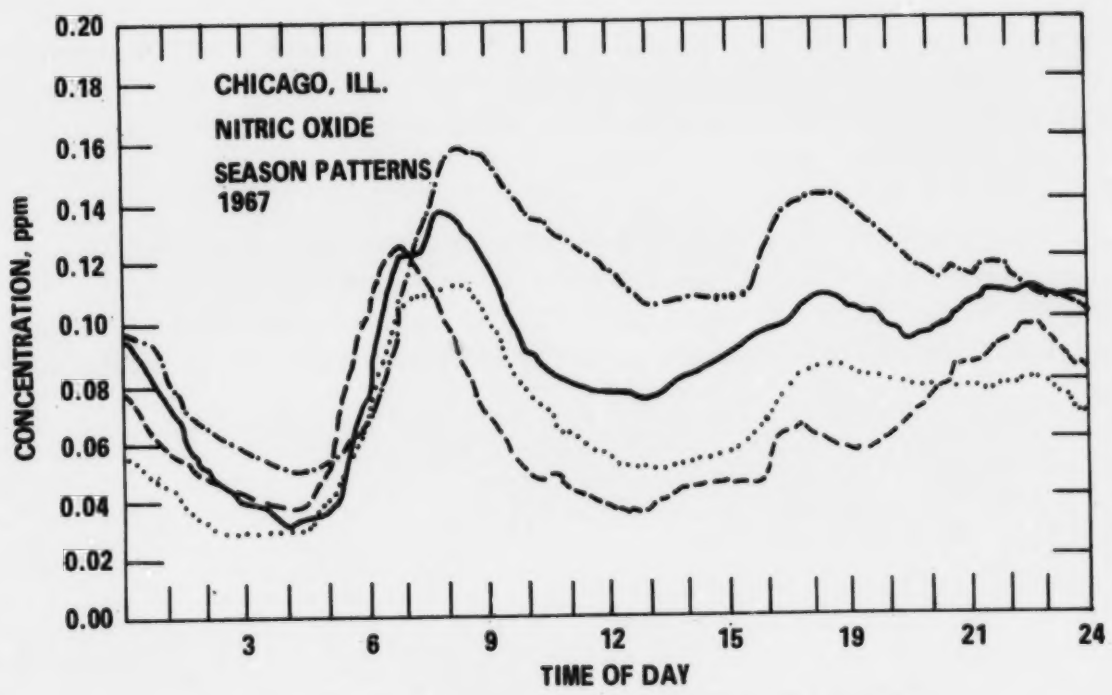


Figure 2. Seasonal diurnal patterns of nitric oxide concentration.

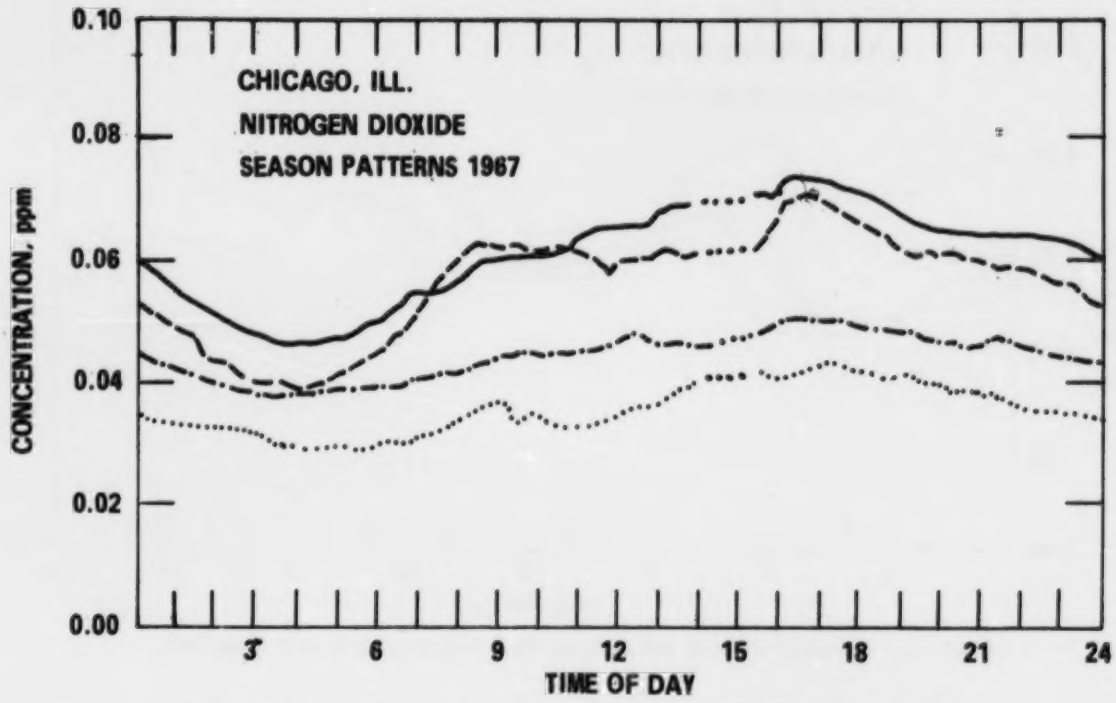


Figure 3. Seasonal diurnal patterns of nitrogen dioxide concentration.

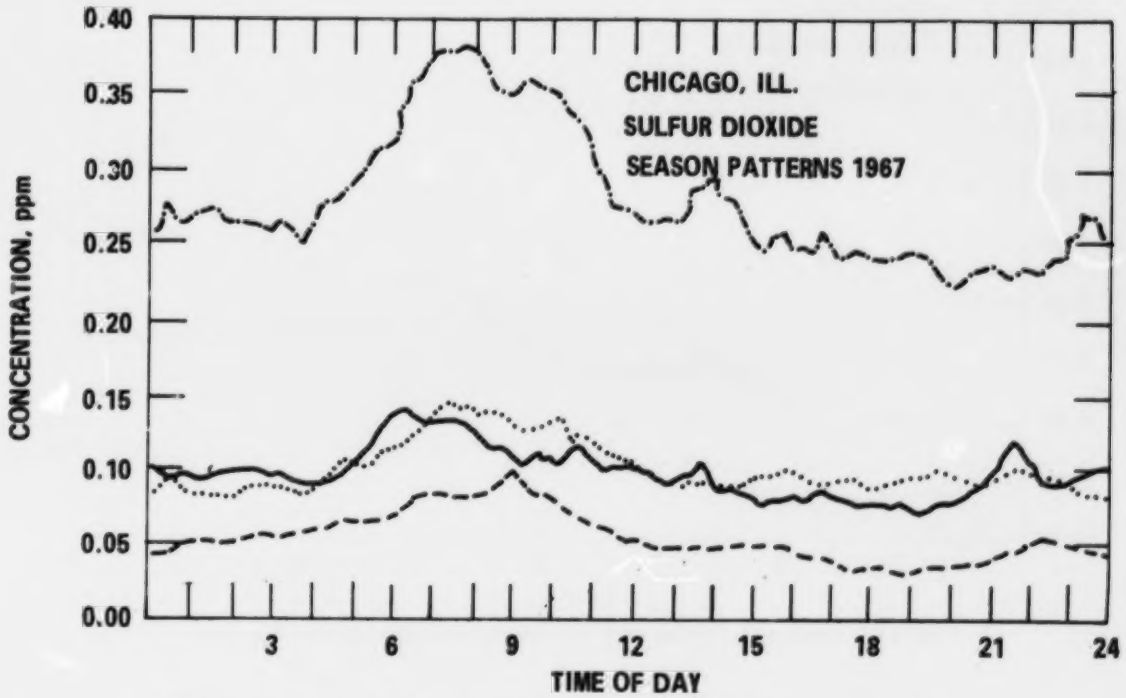


Figure 4. Seasonal diurnal patterns of sulfur dioxide concentration.

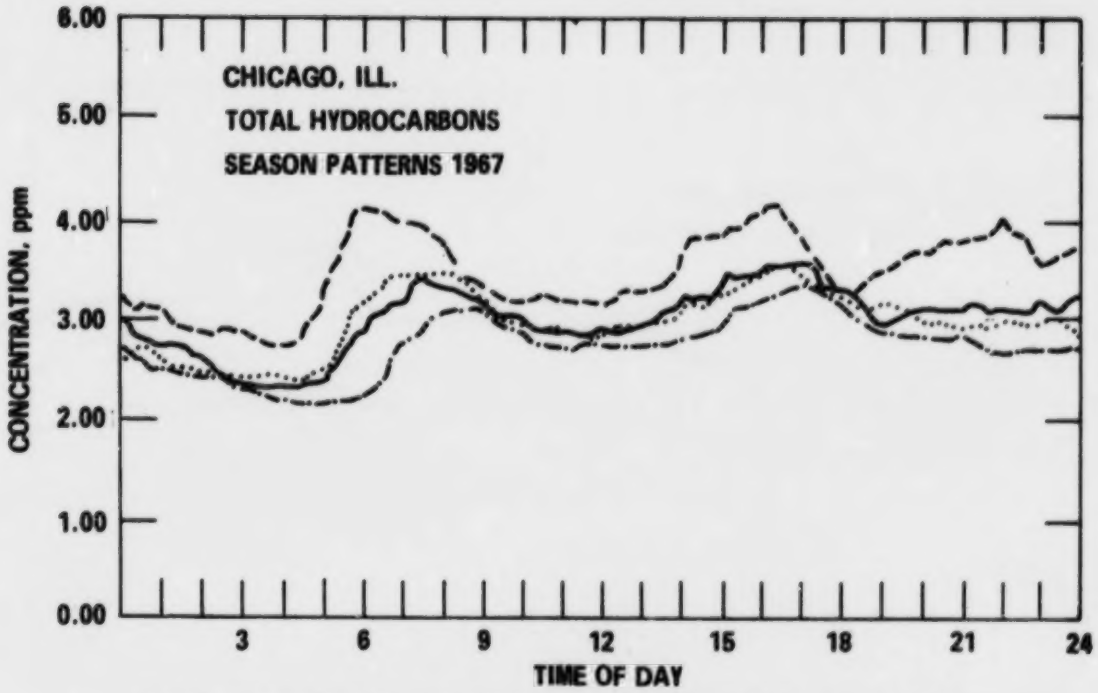


Figure 5. Seasonal diurnal patterns of total hydrocarbons concentration.

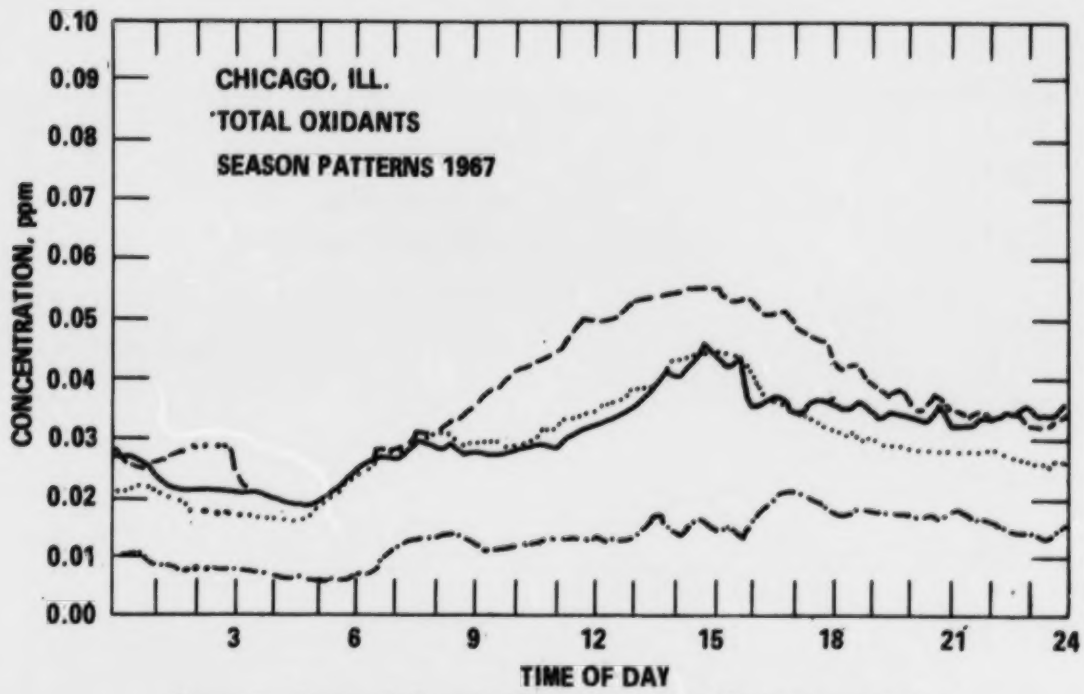


Figure 6. Seasonal diurnal patterns of total oxidants concentration.

# SECTION 3.
# HAZARDOUS POLLUTANT
# DATA TABLES

## GASEOUS POLLUTANT DATA TABLES

Data tables 3-1 through 3-68 present hourly average concentrations by month for the gaseous pollutants.* Values in these tables are the arithmetic means of the 5-minute values in the clock hour indicated. An average is not calculated if the hour is considered an invalid data hour, i.e., if fewer than seven 5-minute values were valid. Similarly, if a calendar day had fewer than 13 valid data hours, it is considered an invalid data day and the entire row of averages for that day is deleted. The reason for this procedure, which results in the loss of a few valid hourly averages, is that the data that are thus lost are usually concentrated at the beginning or end of the day. Since pollutant concentrations show considerable diurnal variation, the inclusion of data for such days would introduce a definite bias into the monthly mean concentrations.

The first summary line (titled MEAN) at the bottom of the tables contains the arithmetic means of the hourly averages, and hence represents the pattern of diurnal variation for the month. Again by the same validity criterion, this average is not calculated unless 16 or more hourly averages are present. The second and third summary lines are the number of and maximum of the hourly averages in the column.

The first summary column (titled DAILY MEAN) at the right of the tables is the arithmetic mean† of the 13 or more hourly averages comprising the row, and the second is the number of such valid hourly averages. The third summary column, however, is not the maximum hourly average for the day, but the maximum 5-minute value included in the hours of valid data during the day.

Four summary figures appear in the lower right corner. The upper left is the monthly average, an arithmetic mean, and appears only if 16 or more days were valid (a valid data month). The center number is the total number of valid hours included in the table, which offers some basis for judging the representativeness of the monthly average. The lower left summary number is the maximum daily average from the column above. The lower right number is the maximum 5-minute value from the column above.

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*No tables of carbon monoxide concentration are presented for January, February, March, or April because of the lack of valid data.

†The summary calculations are performed before the hourly averages are rounded.

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**Table 3-1. MAY, HOURLY AVERAGE CARBON MONOXIDE CONCENTRATIONS (ppm)**
**Infrared Analysis**

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO. OF HRS | 5-MIN. MAX. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | 3 | 9 | 6 | 12 | 13 | 7 | 5 | 7 | 12 | 14 | 11 | 11 | 8.0 | 24 | 20 |
| 9 | 4 | 3 | 3 | 4 | 4 | 9 | 12 | 14 | 9 | 8 | 8 | 4 | 13 | 10 | 14 | 8 | 8 | 5 | 6 | 6 | 15 | 7 | 3 | 3 | 9.3 | 24 | 27 |
| 10 | 11 | 10 | 9 | 4 | 5 | 11 | 15 | 17 | 13 | 13 | 9 | 11 | | | | | | | | | | | | | 9.6 | 23 | 33 |
| 11 | 2 | 1 | 2 | 2 | 3 | 14 | 17 | 13 | 11 | | 13 | 10 | 11 | 12 | 16 | 18 | 18 | 11 | 10 | 10 | 10 | 7 | 7 | 4 | 7.0 | 24 | 23 |
| 12 | 4 | 3 | 3 | 4 | 5 | 10 | 15 | 14 | 11 | 8 | 5 | 4 | 3 | 4 | 10 | 8 | 9 | 6 | 4 | 5 | 7 | 8 | 9 | 8 | 6.7 | 17 | 15 |
| 13* | 6 | 7 | 6 | 5 | 5 | 6 | 8 | 10 | 9 | 10 | 8 | 5 | 6 | 5 | 7 | 8 | 4 | | | | | | | | 3.8 | 23 | 24 |
| 14* | | 6 | 5 | 5 | 5 | 4 | 4 | 4 | 3 | 1 | 1 | 1 | 1 | 2 | 3 | 5 | 5 | 7 | 3 | 5 | 5 | 4 | 6 | 4 | 9.0 | 21 | 29 |
| 15 | 2 | 1 | 2 | 4 | 3 | 9 | 16 | 16 | 11 | 7 | | | | 10 | 12 | 10 | 13 | 9 | 10 | 11 | 9 | 9 | 12 | 12 | 14.2 | 24 | 41 |
| 16 | 11 | 9 | 10 | 10 | 10 | 13 | 16 | 15 | 11 | 8 | 7 | 5 | 5 | 7 | 12 | 13 | 17 | 13 | 13 | 19 | 21 | 34 | 34 | 26 | 9.4 | 23 | 26 |
| 17 | 18 | 12 | 10 | 10 | 10 | 13 | 16 | 15 | 11 | 10 | 8 | 5 | 6 | 6 | 9 | | 11 | 7 | 4 | 6 | 6 | 8 | 8 | 7 | 5.4 | 19 | 13 |
| 18 | 4 | 4 | 4 | 4 | 4 | 8 | 8 | 8 | 6 | 4 | 3 | | | | | | 2 | 2 | 3 | 4 | 6 | 7 | 10 | 11 | 16.7 | 20 | 32 |
| 19 | 12 | 13 | 14 | 15 | 17 | 22 | 24 | 26 | 20 | 14 | 14 | 11 | | | | | 11 | 11 | 11 | 15 | 16 | 20 | 24 | 24 | 22.9 | 17 | 32 |
| 20* | 22 | 21 | 20 | 21 | 21 | 22 | 24 | 26 | 26 | 22 | 20 | 24 | | | | | | | | 24 | 23 | 24 | 24 | 26 | | | |
| 21* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | | | 14 | 13 | 6 | 4 | 4 | 2 | 4 | 4 | 3 | 7.2 | 22 | 22 |
| 23 | 6 | 5 | 7 | 7 | 6 | 8 | 12 | 12 | 13 | 8 | 8 | 6 | 6 | | | 11 | 12 | 8 | 9 | 12 | 16 | 17 | 16 | 16 | 9.4 | 24 | 23 |
| 24 | 2 | 2 | 3 | 4 | 5 | 8 | 16 | 15 | 11 | 7 | 4 | 4 | 6 | 9 | 12 | 15 | 15 | 17 | 5 | 4 | 7 | 7 | 6 | 6 | 10.4 | 15 | 30 |
| 25 | 15 | 14 | | | | | | | | | | 14 | 10 | 9 | 14 | 15 | | | | | | | | | | | |
| 26 | 5 | 7 | 8 | 11 | 11 | 18 | 18 | 18 | 11 | 7 | 3 | | | 12 | 5 | 2 | 0 | | 0 | 4 | 4 | 6 | 9 | 11 | 8.0 | 21 | 26 |
| 27* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28* | | | | | | | | | | | 13 | 9 | 4 | 3 | 4 | 1 | 2 | 3 | 4 | 9 | 9 | 7 | 6 | 9 | 5.8 | 14 | 17 |
| 29 | | | | | | | | | | | 7 | 10 | 9 | 10 | 15 | 11 | 10 | 14 | 8 | 7 | 8 | 9 | 9 | 8 | 8.2 | 24 | 28 |
| 30 | 8 | 5 | 6 | 4 | 5 | 5 | 7 | 7 | 7 | 8 | | | | | | | 16 | 15 | 16 | 18 | 19 | 22 | 19 | 19 | 14.6 | 18 | 32 |
| 31 | 7 | 7 | 6 | 7 | 8 | 16 | 21 | 20 | 17 | 11 | | | | | | | | | | | | | | | | | |
| MEAN | 8 | 7 | 7 | 7 | 7 | 12 | 15 | 15 | 12 | 9 | 8 | | | | | | 10 | 9 | 7 | 9 | 11 | 12 | 12 | 11 | 9.6 | | |
| NO | 17 | 18 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 16 | 16 | 15 | 13 | 14 | 14 | 14 | 18 | 16 | 17 | 18 | 18 | 18 | 18 | 18 | | 397 | |
| MAX | 22 | 21 | 20 | 21 | 21 | 22 | 24 | 26 | 26 | 22 | 20 | 24 | 13 | 12 | 16 | 18 | 18 | 17 | 16 | 24 | 23 | 34 | 34 | 26 | 22.9 | | 41 |

TABULATED SAT., JUN. 22, 1968

* Indicates Saturday or Sunday
Local standard time used

**Table 3-2. JUNE, HOURLY AVERAGE CARBON MONOXIDE CONCENTRATIONS (ppm)**
**Infrared Analysis**

| DAY OF MONTH | A.M. | | | | | | | | | | | | P.M. | | | | | | | | | | | | DAILY MEAN | NO. OF HRS | 5-MIN. MAX. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | | | |
| 1 | 18 | 18 | 18 | 19 | 20 | 26 | 30 | 34 | 30 | 24 | 15 | 10 | 10 | 9 | 15 | 14 | 15 | 11 | 16 | 19 | 19 | 22 | 20 | 22 | 18.8 | 24 | 42 |
| 2 | 20 | 23 | 21 | 20 | 20 | 26 | 29 | 28 | 29 | 17 | 15 | 12 | 12 | 9 | 11 | 10 | 12 | 7 | 4 | 11 | 11 | 14 | 20 | 19 | 16.6 | 24 | 40 |
| 3* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | 18 | 18 | 13 | 12 | 10 | 12 | 11 | 10 | 8 | 9 | 7 | 8 | 7 | 8 | 8 | 10.6 | 15 | 21 |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | 20 | 20 | 19 | 20 | 22 | 24 | 22 | 21 | 20 | 22 | 28 | 21 | 20 | 21 | 24 | 24 | 21 | 18 | 20 | 22 | 29 | 24 | 21 | 21.8 | 23 | 41 |
| 10* | 17 | 16 | 15 | 14 | 14 | 15 | 15 | 20 | 21 | 19 | 19 | 17 | 17 | 17 | 22 | 32 | 24 | 19 | 19 | 17 | 18 | 15 | 14 | 15 | 17.9 | 24 | 47 |
| 11* | 13 | 11 | 9 | 9 | 10 | 9 | 10 | 8 | 7 | 6 | 7 | 9 | 6 | 6 | 6 | 7 | 7 | 4 | 5 | 7 | 11 | 11 | 8 | 8 | 8.1 | 24 | 20 |
| 12 | 5 | 3 | 3 | 2 | 2 | 7 | 10 | 9 | | | | 5 | 7 | 5 | 13 | 14 | 15 | 12 | 7 | 12 | 8 | 4 | 5 | | 7.3 | 20 | 33 |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | 6 | 5 | 5 | 5 | | | | | | | | | 6 | 4 | 6 | 6 | 6 | 6 | 10 | 9 | 15 | 13 | 12 | 10 | 7.7 | 16 | 26 |
| 21 | 13 | 11 | 11 | 6 | 6 | 11 | 15 | 17 | 16 | 11 | 21 | 21 | 23 | 23 | 29 | 26 | 26 | 20 | 14 | 15 | 15 | 16 | 13 | 15 | 16.4 | 24 | 39 |
| 22 | 11 | 8 | 7 | 7 | 9 | 18 | 20 | 21 | 18 | 15 | 13 | 10 | 8 | 8 | 13 | 9 | 10 | 8 | 11 | 12 | 9 | 10 | 14 | 13 | 11.6 | 24 | 35 |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25* | 10 | 9 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 9 | 9 | 10 | 10 | 12 | 12 | 13 | 13 | 16 | 21 | 22 | 24 | 16 | 11.1 | 24 | 29 |
| 26 | 14 | | | | | | | | 11 | 11 | 12 | 8 | 13 | 13 | 18 | | 21 | 15 | 11 | 11 | 12 | 8 | 9 | 7 | 12.0 | 16 | 28 |
| 27 | 7 | 10 | 8 | 5 | 5 | 10 | 17 | 14 | 12 | 11 | 8 | 5 | 6 | 6 | 8 | 9 | 14 | 10 | 12 | 9 | 7 | 15 | 13 | 6 | 9.4 | 24 | 24 |
| 28 | 3 | 3 | 3 | 2 | 2 | 7 | 9 | 12 | | | 6 | | | | | 18 | 21 | 12 | 7 | 8 | 11 | 14 | 12 | 7 | 8.7 | 18 | 29 |
| 29 | 5 | 5 | 5 | 4 | 4 | 8 | | | | 7 | 4 | 3 | 4 | 6 | 10 | 10 | 14 | 12 | 14 | 16 | 24 | 19 | 7 | 4 | 8.8 | 21 | 34 |
| 30 | 4 | 3 | 2 | 2 | 3 | 7 | 10 | 10 | 6 | 5 | | | 5 | 7 | 6 | 4 | | | 8 | 10 | 18 | 18 | 15 | 13 | 7.6 | 20 | 36 |
| MEAN | | | | | | | | | | | | | | | | | | | 11 | 12 | 14 | 15 | 13 | | | | |
| NO | 14 | 14 | 14 | 14 | 13 | 13 | 12 | 12 | 11 | 13 | 13 | 13 | 15 | 15 | 15 | 15 | 15 | 15 | 16 | 16 | 16 | 16 | 16 | 15 | | 341 | |
| MAX | 20 | 23 | 21 | 20 | 20 | 26 | 30 | 34 | 30 | 24 | 22 | 28 | 23 | 23 | 29 | 32 | 26 | 21 | 19 | 20 | 24 | 29 | 24 | 22 | 21.8 | | 47 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

## Table 3-3. JULY, HOURLY AVERAGE CARBON MONOXIDE CONCENTRATIONS (ppm)
### Infrared Analysis

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO OF HRS | 5-MIN MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1* | 11 | 9 | 9 | 8 | 8 | 10 | 10 | 10 | 10 | 7 | 6 | 4 | 2 | 0 | 0 | 3 | 6 | 7 | 7 | 12 | 15 | 11 | 11 | 9 | 7.7 | 24 | 23 |
| 2* | 7 | 6 | 1 | 1 | 1 | 2 | 3 | 4 | 2 | 2 | 1 | 0 | 0 | 2 | 4 | 1 | 3 | 3 | 3 | 7 | 4 | 5 | 4 | 5 | 2.9 | 24 | 11 |
| 3 | 3 | 3 | 2 | 3 | 4 | 7 | 11 | 12 | 7 | 4 | 5 | 5 | 3 | 2 | 2 | 4 | 3 | 3 | 5 | 7 | 6 | 8 | 6 | 3 | 4.9 | 24 | 19 |
| 4 | | 1 | 0 | 0 | 0 | 0 | 1 | 5 | 4 | 3 | 3 | 4 | 3 | 4 | 7 | 7 | 5 | 6 | 5 | 7 | 8 | 11 | 13 | 5 | 4.4 | 23 | 30 |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | | 5 | 5 | 5 | 5 | 14 | 17 | 16 | 15 | 11 | 11 | 10 | 5 | | | | 13 | 17 | 20 | 25 | 27 | 30 | | | 13.9 | 18 | 36 |
| 8* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | 0 | 0 | 0 | 1 | 5 | 16 | | | | | 11 | 12 | | | | 14 | 13 | 11 | 15 | 10 | 10 | 10 | 9 | 8.5 | 16 | 27 |
| 11 | 8 | 7 | 9 | 9 | 9 | 14 | 18 | 22 | 19 | 16 | 15 | 8 | 5 | | | 25 | 23 | 14 | 13 | 14 | 19 | 18 | 19 | 15 | 14.4 | 22 | 43 |
| 12 | 13 | 12 | 12 | 11 | 11 | 16 | 20 | 23 | 16 | 13 | 9 | 7 | 2 | 5 | 8 | 9 | 6 | 6 | 2 | 5 | 10 | 13 | 10 | 9 | 10.3 | 24 | 27 |
| 13 | 6 | 4 | 4 | 3 | 4 | 11 | 13 | 15 | 10 | 7 | 7 | 7 | 8 | 12 | | 13 | 17 | 10 | 10 | 9 | 7 | 4 | 5 | 5 | 8.3 | 23 | 26 |
| 14 | 3 | 2 | 2 | 2 | 4 | 11 | 19 | 15 | 11 | 7 | 5 | 1 | 1 | 1 | 9 | 11 | 9 | 6 | 7 | 6 | 8 | 8 | 9 | 10 | 7.0 | 24 | 26 |
| 15* | 8 | 2 | 3 | 5 | 4 | 6 | 7 | 4 | 1 | 2 | 2 | 5 | 5 | 1 | 2 | 1 | 2 | 1 | | | | | | | 3.4 | 18 | 13 |
| 16* | | 9 | 7 | 3 | 3 | 5 | 4 | 4 | | | 0 | 3 | 2 | 2 | 7 | 8 | 9 | 9 | | | | 7 | 6 | 5 | 5.1 | 18 | 18 |
| 17 | 4 | 4 | 3 | 3 | 4 | | 10 | | | | | | | | 6 | | 6 | 6 | 9 | 14 | 19 | 16 | 16 | 14 | 9.0 | 15 | 23 |
| 18 | 13 | 13 | 13 | 13 | 12 | 16 | 17 | 16 | 15 | 14 | 14 | 11 | 15 | 15 | 15 | 16 | 15 | 11 | 13 | 14 | 13 | 14 | 13 | 10 | 13.8 | 24 | 23 |
| 19 | 9 | 10 | 10 | 11 | 9 | 14 | 21 | 19 | 14 | 12 | 13 | 12 | 11 | 10 | 16 | 14 | 10 | 6 | 10 | 15 | 14 | 15 | 11 | 9 | 12.3 | 24 | 32 |
| 20 | 6 | 6 | 5 | 5 | 6 | 15 | 20 | 14 | | | 11 | 5 | 7 | 9 | 3 | 3 | 12 | 10 | 8 | 12 | 14 | 11 | 9 | 11 | 9.1 | 22 | 30 |
| 21 | 8 | 7 | 6 | 9 | 12 | 16 | 23 | 18 | 11 | | | | | | | | 26 | 19 | 27 | 35 | 29 | 19 | 20 | 20 | 17.9 | 17 | 52 |
| 22* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MEAN | | 6 | 5 | 5 | 6 | 10 | 13 | | | | | | | | | | 11 | 9 | | | | 13 | | | | | |
| NO | 13 | 17 | 17 | 17 | 17 | 16 | 17 | 15 | 13 | 12 | 14 | 15 | 15 | 12 | 12 | 13 | 17 | 17 | 15 | 15 | 15 | 16 | 15 | 15 | | 360 | |
| MAX | 13 | 13 | 13 | 13 | 12 | 16 | 23 | 23 | 19 | 16 | 15 | 12 | 15 | 15 | 16 | 25 | 26 | 19 | 27 | 35 | 29 | 30 | 20 | 20 | 17.9 | | 52 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

**Table 3-4. AUGUST, HOURLY AVERAGE CARBON MONOXIDE CONCENTRATIONS (ppm)**
**Infrared Analysis**

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO. OF HRS. | 5-MIN. MAX. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | 6 | 5 | 5 | 5 | 11 | 16 | 13 | | | 4 | 4 | 4 | 5 | 11 | 14 | 23 | 12 | 8 | 12 | 13 | 16 | 12 | 10 | | | |
| 3 | 6 | 6 | 6 | 6 | 7 | 16 | 22 | 19 | 9 | 9 | 10 | 6 | 5 | 6 | 6 | 6 | 6 | 3 | 3 | 8 | 9 | 10 | 12 | 9 | 9.9 | 21 | 31 |
| 4 | 6 | 5 | 5 | 5 | 7 | 14 | 19 | 17 | 18 | 14 | | 12 | 12 | 11 | | 13 | 16 | 14 | 19 | 21 | 14 | 12 | 17 | 14 | 8.5 | 24 | 36 |
| 5* | 9 | 7 | 8 | 8 | 8 | 10 | 12 | 10 | 10 | 12 | 10 | 9 | 9 | 9 | 10 | 18 | 17 | 13 | 16 | 18 | 20 | 16 | 14 | 14 | 12.8 | 22 | 29 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 11.9 | 24 | 28 |
| 6* | 11 | 8 | 9 | 6 | 4 | 7 | 6 | 4 | 4 | 3 | 3 | 3 | 4 | 6 | 7 | 8 | 8 | 9 | 11 | 8 | 9 | 8 | 6 | 4 | 6.6 | 24 | 15 |
| 7 | 4 | 3 | 2 | 2 | 2 | 7 | 10 | 9 | 7 | | | 10 | 14 | 12 | 15 | 14 | 23 | 14 | 7 | 9 | 10 | 6 | 7 | 4 | 8.6 | 22 | 29 |
| 8 | 1 | 0 | 0 | 0 | 0 | 5 | 12 | 13 | 8 | | | 4 | 7 | 11 | 17 | 25 | 21 | 7 | 10 | 5 | 4 | 5 | 5 | 3 | 7.4 | 22 | 47 |
| 9 | 3 | 3 | 2 | 2 | 2 | 9 | 13 | 14 | 13 | 10 | 11 | 11 | 13 | 14 | | 19 | 20 | 13 | 11 | 9 | 10 | 11 | 9 | 6 | 9.8 | 23 | 35 |
| 10 | 5 | 4 | 4 | 4 | 6 | 12 | 18 | 20 | 14 | 14 | 14 | 12 | 14 | 12 | 15 | 15 | 15 | 10 | 9 | 9 | 8 | 8 | 8 | 5 | 10.6 | 24 | 28 |
| 11 | 4 | 3 | 3 | 3 | 4 | 12 | 15 | 19 | 12 | 10 | 12 | 9 | | 12 | 15 | 18 | 16 | 13 | 10 | 12 | 14 | 12 | 16 | 15 | 11.3 | 23 | 39 |
| 12* | 10 | 15 | 13 | 9 | 9 | 14 | 15 | 15 | 11 | 9 | 9 | 10 | 12 | 11 | 9 | 11 | 12 | 10 | 10 | 14 | 15 | 15 | 16 | 13 | 11.9 | 24 | 28 |
| 13* | 20 | 20 | 13 | 9 | 9 | 10 | 7 | 5 | 3 | 3 | 5 | 4 | 6 | 7 | 10 | 11 | 12 | 15 | 17 | 17 | 9 | 6 | 8 | 8 | 9.7 | 24 | 28 |
| 14 | 7 | 5 | 5 | 4 | 6 | 11 | 17 | 13 | 10 | | 5 | 6 | 7 | 7 | 7 | 8 | 9 | 5 | 5 | 11 | 12 | 12 | 14 | 10 | 8.5 | 23 | 26 |
| 15 | 6 | 3 | 3 | 3 | 5 | 12 | 16 | 15 | 11 | 9 | 10 | 10 | 11 | 9 | 11 | 10 | 10 | 7 | 7 | 7 | 13 | 6 | 3 | 2 | 8.3 | 24 | 26 |
| 16 | 1 | 0 | 1 | 1 | 3 | 11 | 13 | 16 | 11 | 8 | 6 | 4 | 4 | 2 | 3 | 4 | 4 | 2 | 4 | 7 | 9 | 8 | 7 | 4 | | | |
| 17 | 2 | 2 | 2 | 2 | 2 | 5 | 6 | 7 | 5 | 5 | 5 | 2 | 1 | | 7 | 8 | 8 | 9 | 10 | 12 | 12 | 12 | 14 | 14 | 5.6 | 24 | 24 |
| 18 | 13 | 13 | 14 | 13 | 13 | 16 | 18 | 21 | 16 | 13 | 9 | 8 | | | | 21 | 32 | 25 | 25 | 25 | 26 | 25 | 23 | 22 | 6.6 | 23 | 15 |
| 19* | 20 | 20 | 18 | 16 | 16 | 19 | 20 | 23 | 21 | 24 | 27 | 25 | 26 | 26 | 29 | 28 | | | 24 | 26 | 24 | 21 | 22 | 21 | 18.6 | 21 | 48 |
| 20* | 19 | 16 | 16 | 15 | 15 | 15 | 16 | 15 | 14 | 13 | 13 | 14 | 13 | 13 | 12 | 14 | 13 | 13 | 15 | 17 | 16 | 17 | | 15 | 22.5 | 22 | 37 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 14.8 | 23 | 22 |
| 21 | 13 | 13 | 13 | 13 | 13 | | | | 15 | 14 | 14 | 13 | 12 | 9 | 7 | 11 | 13 | 19 | 17 | 17 | 16 | 14 | 14 | 12 | 13.4 | 21 | 22 |
| 22 | 11 | 10 | 10 | 10 | 11 | 17 | 22 | 24 | 19 | 17 | 18 | 17 | 17 | 19 | 21 | 23 | 24 | 17 | 14 | 14 | 15 | 15 | 16 | 12 | 16.2 | 24 | 29 |
| 23 | 9 | 8 | 7 | 6 | 7 | 13 | 17 | 14 | 10 | 10 | 11 | 9 | 7 | 7 | 9 | 10 | 10 | 5 | 11 | 11 | 13 | 11 | 13 | 9 | 9.9 | 24 | 33 |
| 24 | 5 | 5 | 4 | 4 | 4 | 12 | 16 | 14 | 11 | 6 | 1 | 0 | 0 | 0 | 3 | 4 | 9 | 2 | 5 | 9 | 11 | 12 | 13 | 7 | 6.4 | 24 | 22 |
| 25 | 6 | 6 | 5 | 5 | 6 | 11 | 20 | 15 | | | 6 | 8 | 7 | 9 | 8 | 3 | 14 | 17 | 14 | 17 | 16 | 24 | 21 | 17 | 11.6 | 22 | 31 |
| 26* | 9 | 7 | 7 | 6 | 4 | 5 | 7 | 7 | 6 | 5 | 2 | 0 | | | | | | | | 3 | 4 | 3 | 4 | 4 | 4.9 | 17 | 13 |
| 27* | 5 | 4 | 3 | 3 | 3 | 3 | 4 | 5 | 5 | 6 | 8 | 9 | 10 | 12 | 11 | 9 | 10 | 9 | 10 | | 8 | 8 | | | 6.9 | 21 | 14 |
| 28 | 7 | 6 | 6 | 7 | 8 | | | | 22 | 11 | 9 | | | 6 | 7 | 16 | 18 | 20 | 26 | 31 | 27 | 25 | 23 | 23 | 15.6 | 19 | 35 |
| 29 | 21 | 21 | 21 | 21 | 22 | 25 | 26 | 25 | 23 | 21 | 19 | 20 | 16 | 15 | 14 | 15 | 18 | 21 | 21 | 21 | 20 | 19 | 18 | 16 | 19.8 | 24 | 31 |
| 30 | 16 | 15 | 14 | 15 | 15 | 21 | 26 | 27 | 25 | 22 | 22 | 19 | 18 | 16 | 19 | 16 | 17 | 10 | 9 | 9 | 8 | 8 | 8 | 7 | 15.8 | 24 | 32 |
| 31 | 5 | 6 | 5 | 5 | 5 | 11 | 11 | 10 | 5 | 1 | 1 | | | | | 4 | 4 | 1 | 3 | 8 | 11 | 11 | 11 | 10 | 6.3 | 20 | 23 |
| MEAN | 9 | 8 | 7 | 7 | 7 | 12 | 15 | 15 | 12 | 11 | 10 | 9 | 10 | 10 | 11 | 13 | 14 | 11 | 12 | 13 | 13 | 13 | 13 | 11 | 11.0 | | |
| NO. | 29 | 30 | 30 | 30 | 30 | 28 | 28 | 28 | 28 | 25 | 27 | 28 | 25 | 26 | 25 | 29 | 28 | 28 | 29 | 29 | 30 | 30 | 28 | 29 | | 677 | |
| MAX | 21 | 21 | 21 | 21 | 22 | 25 | 26 | 27 | 25 | 24 | 27 | 25 | 26 | 26 | 29 | 28 | 32 | 25 | 26 | 31 | 27 | 25 | 23 | 23 | 22.5 | | 48 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

## Table 3-5. SEPTEMBER. HOURLY AVERAGE CARBON MONOXIDE CONCENTRATIONS (ppm)
### Infrared Analysis

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO. OF HRS | 5-MIN MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | | | 12 | 20 | 13 | 10 | 6 | 8 | 10 | 11 | 18 | 22 | 18 | 13.3 | 20 | 39 |
| 2* | 9 | 8 | 7 | 8 | 10 | 24 | 21 | 19 | 14 | | | | 0 | 1 | 1 | 1 | 1 | | | | | | | | 8.8 | 17 | 23 |
| 3* | 16 | 15 | 15 | 15 | 17 | 16 | 19 | 17 | 12 | 4 | 0 | 0 | | 1 | 1 | 0 | 0 | 0 | 0 | 0 | | | | | 0.1 | 14 | 3 |
| 4 | | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | | | | 0 | 1 | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | 6 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 0 | 1 | 0 | 7 | 14 | 16 | 19 | 18 | 5.3 | 16 | 22 |
| 7 | 19 | 13 | 8 | 10 | 12 | 17 | 22 | 17 | 13 | 0 | 0 | 0 | 0 | 0 | 1 | 5 | 2 | 4 | 13 | 22 | 20 | 25 | 25 | 19 | 11.1 | 24 | 32 |
| 8 | 19 | 23 | 25 | 25 | 25 | 38 | 56 | 49 | 42 | 26 | 15 | 8 | 2 | 1 | 0 | 0 | 0 | 1 | 8 | 10 | 11 | 13 | 13 | 12 | 17.5 | 24 | 63 |
| 9* | 14 | 14 | 14 | 14 | 13 | 17 | 16 | 17 | 14 | 15 | 18 | 19 | 15 | | | | | | | 11 | 14 | 14 | 16 | 14 | 14.9 | 18 | 29 |
| 10* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | 3 | 2 | 2 | 2 | 3 | 7 | 12 | 11 | 10 | 7 | 9 | 8 | 7 | 9 | 9 | 12 | 21 | 19 | 16 | 7 | 3 | 8 | 6 | 4 | 8.2 | 24 | 30 |
| 15 | 3 | 4 | 3 | 2 | 2 | 7 | 12 | 13 | 8 | 7 | 5 | 4 | 5 | 5 | | 7 | 11 | 8 | 7 | 5 | 4 | 8 | 9 | | 6.2 | 22 | 22 |
| 16* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | | 11 | 10 | 10 | 10 | 13 | 18 | 19 | 19 | 18 | 16 | 15 | 15 | 13 | 12 | 13 | 19 | 14 | 13 | 12 | 12 | 11 | 10 | 10 | 13.5 | 23 | 29 |
| 20 | 8 | 6 | 6 | 5 | 5 | 8 | 10 | 13 | 14 | 13 | 10 | 8 | 6 | 4 | | | 9 | 9 | 11 | 11 | 13 | 12 | 11 | 11 | 9.3 | 22 | 18 |
| 21 | 10 | 9 | 9 | 9 | 8 | 11 | 15 | 15 | 17 | 17 | 17 | 14 | 11 | 11 | 14 | 14 | 17 | 16 | 14 | 14 | 12 | 12 | 12 | 9 | 12.7 | 24 | 27 |
| 22 | 7 | 7 | 6 | 6 | 6 | 10 | 16 | 16 | 13 | 9 | 8 | 7 | | 9 | 9 | 11 | 15 | 12 | 12 | | | | | | 9.8 | 18 | 21 |
| 23* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | | 5 | 5 | 3 | 4 | 7 | 13 | 16 | 10 | 7 | 5 | 4 | 4 | 4 | 5 | 5 | 6 | 7 | 7 | 5 | 4 | 3 | 2 | 2 | 5.6 | 23 | 24 |
| 26 | | 1 | 1 | 1 | 1 | 4 | 6 | 5 | 4 | 3 | 2 | 1 | 2 | 3 | 4 | | 10 | 13 | 8 | 7 | 8 | 7 | 7 | 4 | 4.6 | 22 | 19 |
| 27 | 3 | 2 | 2 | 2 | 3 | 9 | 15 | 16 | 17 | 14 | 12 | 13 | 11 | 13 | 17 | 19 | 17 | 11 | 6 | 6 | 8 | 7 | 5 | | 9.9 | 23 | 31 |
| 28 | 2 | | | | | | | | 12 | 8 | 9 | 10 | 10 | 13 | 13 | 16 | 18 | 11 | 9 | 9 | 7 | 7 | 6 | 4 | 9.6 | 17 | 29 |
| 29 | 4 | 3 | 2 | 2 | 3 | 7 | 11 | 13 | 12 | 12 | 10 | 9 | 6 | | 8 | 10 | 10 | 8 | 8 | 9 | 8 | 7 | 9 | 7 | 7.7 | 23 | 22 |
| 30* | 4 | 3 | 2 | 2 | 2 | 2 | 5 | 7 | 5 | 5 | 6 | 9 | 7 | 2 | 3 | 3 | 5 | 9 | 12 | 15 | 13 | 12 | 9 | 9 | 6.3 | 24 | 20 |
| MEAN | | 7 | 7 | 7 | 7 | 12 | 16 | 15 | 13 | 10 | 9 | 7 | 6 | 6 | 7 | 8 | 10 | 9 | 9 | 9 | 10 | 11 | 11 | | 9.4 | | |
| NO. | 14 | 17 | 17 | 17 | 17 | 16 | 17 | 17 | 19 | 17 | 17 | 17 | 16 | 17 | 16 | 16 | 18 | 17 | 17 | 17 | 16 | 16 | 16 | 14 | | 398 | |
| MAX | 19 | 23 | 25 | 25 | 25 | 38 | 56 | 49 | 42 | 26 | 18 | 19 | 15 | 13 | 20 | 19 | 21 | 19 | 16 | 22 | 20 | 25 | 25 | 19 | 17.5 | | 63 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

**Table 3-6. OCTOBER, HOURLY AVERAGE CARBON MONOXIDE CONCENTRATIONS (ppm)**
**Infrared Analysis**

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO OF HRS | 5-MIN MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1* | 14 | 11 | 8 | 6 | 4 | | 4 | 6 | | 5 | 5 | | | | | | 3 | 5 | 5 | 7 | 5 | 5 | 4 | 2 | 5.9 | 17 | 18 |
| 2 | 2 | 2 | 2 | 1 | 2 | .5 | 8 | 9 | 6 | | 5 | 2 | | | 6 | 9 | 14 | 16 | 16 | 17 | 16 | 16 | 16 | 17 | 9.0 | 21 | 21 |
| 3 | 16 | 17 | 17 | 17 | 17 | 19 | 21 | 21 | 21 | 19 | | | | | | | 13 | 18 | 20 | 20 | 19 | 18 | 17 | 17 | 18.1 | 18 | 25 |
| 4 | 16 | 16 | 15 | 15 | 15 | 19 | 21 | 22 | 19 | 19 | 15 | 8 | 2 | | | 3 | 10 | 12 | 15 | 17 | 18 | 17 | 17 | 18 | 14.8 | 22 | 26 |
| 5 | 17 | 16 | 16 | 15 | 16 | 20 | 27 | 26 | | 20 | 21 | 19 | 17 | 18 | 19 | 21 | 20 | 18 | 18 | 17 | 15 | 13 | 13 | 13 | 18.0 | 23 | 34 |
| 6 | 11 | 10 | 11 | 10 | 7 | 9 | 19 | 22 | | | | | 5 | 6 | 10 | 12 | 19 | 17 | 17 | 16 | 15 | 13 | 12 | 10 | 12.6 | 20 | 33 |
| 7* | 10 | 9 | 9 | 9 | 8 | 9 | 10 | 10 | 11 | 10 | 12 | 11 | 10 | 10 | 12 | 12 | 11 | 11 | 11 | 9 | 7 | 8 | 9 | 7 | 9.6 | 24 | 16 |
| 8* | 7 | 6 | 5 | 5 | 4 | 4 | 5 | 4 | 4 | 3 | | 5 | 4 | 4 | 5 | 5 | 3 | 3 | | 4 | 4 | 4 | 3 | 1 | 4.1 | 22 | 8 |
| 9 | 1 | 1 | 1 | 2 | 2 | 4 | 5 | | 6 | 5 | 5 | 8 | 5 | 4 | | 7 | 9 | 6 | 5 | 4 | 3 | 3 | 3 | 3 | 4.1 | 22 | 13 |
| 10 | 3 | 3 | 3 | 2 | 3 | 7 | 10 | 13 | 11 | 8 | 5 | 3 | 3 | | 15 | 17 | 15 | 11 | 8 | 9 | 9 | 9 | 8 | 5 | 7.7 | 23 | 24 |
| 11 | 4 | 4 | 3 | 3 | 3 | 8 | 12 | 11 | 11 | 9 | 9 | 7 | 8 | 9 | 12 | 11 | 11 | 9 | 9 | 10 | 9 | 10 | 10 | 9 | 8.2 | 24 | 18 |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 3 | 3 | 4 | 4 | 2 | 4 | 7 | 6 | 10 | 7 | 7 | | | | 7 | 6 | 8 | 3 | 4 | 4 | 4 | 9 | 8 | 8 | 5.5 | 21 | 17 |
| 14* | 7 | 4 | 3 | 3 | 2 | 6 | 6 | 9 | 9 | 5 | 4 | 3 | 1 | 0 | 2 | 9 | 8 | 11 | 11 | 10 | 5 | 4 | 3 | 4 | 5.4 | 24 | 21 |
| 15* | 4 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 3 | 2 | 8 | 7 | 9 | 7 | 9 | 5 | 2 | 4 | 3 | 0 | 2.9 | 24 | 17 |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | | 8 | 6 | 6 | 6 | 9 | 12 | 13 | 14 | 12 | 12 | 11 | 11 | 13 | 14 | 15 | 14 | 12 | 12 | 12 | 12 | 12 | 12 | 11 | 11.2 | 23 | 23 |
| 25 | 11 | 11 | 11 | 11 | 12 | 14 | 16 | 17 | 16 | 15 | 15 | 15 | 15 | 17 | 18 | 20 | 18 | 15 | 13 | 16 | 15 | 16 | 13 | 13 | 14.8 | 24 | 25 |
| 26 | 12 | 12 | 13 | 13 | 12 | 15 | 17 | 19 | 15 | 14 | 13 | 11 | 9 | | | | 8 | 7 | 6 | 7 | 7 | 9 | 7 | 5 | 11.0 | 21 | 22 |
| 27 | 3 | 1 | 1 | 1 | 0 | 5 | 10 | 10 | 9 | 7 | 6 | 4 | 3 | | | 9 | 14 | 8 | 6 | 5 | 6 | 5 | 6 | 5 | 5.7 | 22 | 25 |
| 28* | | | | | | | | | 6 | 3 | 5 | 5 | 3 | 3 | 3 | 3 | 3 | 6 | 8 | 9 | 5 | 5 | 4 | 3 | 4.6 | 16 | 13 |
| 29* | 4 | 3 | 2 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 4 | 4 | 3 | 4 | 2 | 1 | 1 | 2 | 0 | 1.6 | 24 | 9 |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MEAN | 8 | 7 | 7 | 6 | 6 | 9 | 11 | 12 | 10 | 9 | 8 | 7 | 6 | | | 10 | 11 | 10 | 10 | 10 | 9 | 9 | 8 | 7 | 8.7 | | |
| NO | 19 | 19 | 19 | 19 | 19 | 18 | 19 | 18 | 17 | 19 | 17 | 16 | 16 | 12 | 14 | 17 | 20 | 20 | 19 | 20 | 20 | 20 | 20 | 20 | | 435 | |
| MAX | 17 | 17 | 17 | 17 | 17 | 20 | 27 | 26 | 21 | 20 | 21 | 19 | 17 | 18 | 19 | 21 | 20 | 18 | 20 | 20 | 19 | 18 | 17 | 18 | 18.1 | | 34* |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

## Table 3-7. NOVEMBER, HOURLY AVERAGE CARBON MONOXIDE CONCENTRATIONS (ppm)
### Infrared Analysis

| DAY OF MONTH | AM 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | PM 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO OF HRS | 5-MIN MAX. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | 3 | 2 | 3 | 3 | 4 | 8 | 12 | 13 | 9 | 7 | 7 | 10 | | | 13 | 21 | 14 | 13 | 13 | 12 | 9 | 11 | 12 | 9.4 | 21 | 31 |
| 10 | 9 | 8 | 6 | 4 | 4 | 5 | 10 | 23 | 17 | 9 | 11 | 9 | 9 | 9 | 12 | 10 | 12 | 9 | 8 | 7 | 6 | 5 | 4 | 5 | 8.7 | 24 | 31 |
| 11* | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 5 | 6 | 7 | 5 | 6 | 5 | 4 | 4 | 4 | 5 | 5.0 | 24 | 10 |
| 12* | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 5 | 6 | 7 | 9 | 8 | 9 | 7 | 7 | 6 | 5 | 6 | 5 | 5.0 | 24 | 14 |
| 13 | 4 | 3 | 2 | 2 | 2 | 3 | | | 12 | | 7 | | | | 12 | 11 | 9 | 7 | 6 | 5 | 4 | 4 | 3 | 3 | 5.5 | 18 | 19 |
| 14 | 2 | 1 | 1 | 1 | 1 | 1 | 4 | 4 | 5 | 5 | 4 | | | 7 | 10 | 14 | 15 | 16 | 11 | 8 | 7 | 9 | 6 | 5 | 6.2 | 22 | 27 |
| 15 | 4 | 3 | 3 | 2 | 3 | 3 | 8 | 13 | 18 | 11 | 11 | 9 | 9 | 9 | 16 | 13 | 16 | 10 | 6 | 5 | 6 | 7 | 6 | 5 | 8.1 | 24 | 27 |
| 16 | 4 | 3 | 3 | 3 | 3 | 4 | 5 | 8 | 9 | 6 | 5 | 5 | 5 | 6 | 7 | 7 | 10 | 9 | 6 | 6 | 5 | 4 | 5 | 5 | 5.4 | 24 | 16 |
| 17 | 5 | 5 | 3 | 4 | 3 | 4 | 7 | 10 | 10 | 8 | 6 | 5 | 5 | 5 | | | 9 | 9 | 7 | 6 | 5 | 6 | 6 | 5 | 6.0 | 22 | 13 |
| 18* | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 5 | 6 | 7 | 7 | 7 | 8 | 8 | 7 | 8 | 8 | 8 | 7 | 6 | 7 | 6 | 6 | 8 | 6.2 | 24 | 11 |
| 19* | 9 | 7 | 6 | 4 | 4 | 4 | | 4 | 5 | 5 | 5 | 6 | 6 | 9 | 10 | 14 | 13 | 12 | 10 | 9 | 6 | 7 | 6 | 6 | 7.1 | 23 | 22 |
| 20 | 5 | 4 | 3 | 3 | 2 | 5 | 8 | 10 | 9 | 8 | 8 | 8 | 6 | 8 | 7 | 7 | 11 | 11 | 6 | 6 | 7 | 6 | 6 | 5 | 6.5 | 24 | 19 |
| 21 | 5 | 4 | 4 | 3 | 4 | 4 | 8 | 11 | 12 | 10 | 10 | 8 | 10 | 11 | | | 12 | 14 | 10 | 7 | 6 | 5 | 4 | 8 | 7.6 | 22 | 19 |
| 22 | 3 | 3 | 2 | 2 | 2 | 3 | 5 | 8 | 9 | 7 | 8 | 8 | 7 | 9 | 11 | 11 | 12 | 11 | 7 | 7 | 7 | 7 | 6 | 6 | 6.7 | 24 | 14 |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | 5 | 6 | 7 | 7 | 9 | 10 | 12 | 11 | 9 | 7 | 7 | 6 | 6 | 6 | 7.6 | 14 | 14 |
| 25* | 6 | 5 | 4 | 3 | 2 | 2 | 3 | 4 | 4 | 4 | 5 | 6 | 7 | 9 | 10 | 11 | 10 | 7 | 5 | 4 | 5 | 6 | 5 | 5 | 5.4 | 24 | 12 |
| 26* | 5 | 4 | 3 | 3 | 2 | 2 | 2 | 2 | 3 | 3 | 5 | 3 | 4 | 4 | 5 | 6 | 6 | 6 | 4 | 4 | 3 | 3 | 3 | 3 | 3.7 | 24 | 12 |
| 27 | 3 | 2 | 2 | 2 | 2 | 2 | 3 | 6 | 5 | | | | 3 | 4 | 5 | 6 | 8 | 8 | 5 | 4 | 4 | 3 | 3 | 3 | 4.0 | 21 | 11 |
| 28 | 3 | 2 | 2 | 2 | 2 | 2 | 5 | 9 | 7 | 5 | 5 | 5 | 4 | 5 | 7 | 7 | 9 | 9 | 7 | 7 | 6 | 8 | 7 | 6 | 5.4 | 24 | 15 |
| 29 | 6 | 4 | 3 | 3 | 3 | 3 | 7 | 7 | 14 | 9 | 8 | 8 | 9 | 9 | 8 | 8 | 8 | 11 | 7 | 5 | 5 | 7 | 6 | 6 | 6.7 | 24 | 24 |
| 30 | 4 | 3 | 3 | 2 | 2 | 3 | 11 | 16 | 20 | 12 | 11 | 10 | 9 | 9 | 12 | 13 | 17 | 19 | 15 | 10 | 7 | 6 | 6 | 6 | 9.3 | 24 | 28 |
| MEAN | 5 | 4 | 3 | 3 | 3 | 3 | 6 | 8 | 9 | 7 | 7 | 6 | 7 | 7 | 9 | 10 | 11 | 10 | 8 | 7 | 6 | 6 | 5 | 5 | 6.4 | | |
| NO | 19 | 20 | 20 | 20 | 20 | 20 | 18 | 19 | 20 | 18 | 20 | 18 | 19 | 19 | 18 | 19 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | | 475 | |
| MAX | 9 | 8 | 6 | 4 | 4 | 5 | 11 | 23 | 20 | 12 | 11 | 10 | 10 | 11 | 16 | 14 | 21 | 19 | 15 | 13 | 12 | 9 | 11 | 12 | 9.4 | | 31 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

**Table 3-8. DECEMBER, HOURLY AVERAGE CARBON MONOXIDE CONCENTRATIONS (ppm)**
**Infrared Arialysis**

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO. OF HRS. | 5-MIN. MAX. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5 | 3 | 3 | 2 | 2 | 3 | 5 | 6 | 8 | 6 | 6 | | | 5 | 7 | 7 | 4 | 6 | 6 | 6 | 5 | 5 | 4 | 5 | 5.0 | 22 | 12 |
| 2* | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 7 | 11 | 10 | 10 | 13 | 13 | 11 | 12 | 13 | | | 8 | 10 | | 9 | 9 | 7.8 | 21 | 20 |
| 3* | 8 | 6 | 4 | 3 | 2 | 2 | 2 | 3 | 4 | 3 | 4 | 4 | 3 | 4 | 4 | 4 | 6 | 7 | 7 | 5 | 4 | 4 | 4 | 4 | 4.2 | 24 | 11 |
| 4 | 3 | 2 | 2 | 2 | 2 | 3 | 6 | | 10 | | | 7 | 6 | 6 | | 9 | 11 | 10 | 9 | 6 | 5 | 4 | 4 | 4 | 5.6 | 20 | 17 |
| 5 | 3 | 3 | 3 | 2 | 2 | 4 | 8 | 10 | 11 | 10 | 8 | 8 | 7 | 8 | 10 | 9 | 11 | 12 | 8 | 7 | 7 | 6 | 5 | 5 | 7.0 | 24 | 18 |
| 6 | 4 | 2 | 2 | 2 | 2 | 3 | 9 | 10 | 12 | 8 | 8 | 8 | 8 | 8 | | 15 | 14 | 21 | 18 | 10 | 6 | 6 | 5 | 9 | 8.2 | 23 | 29 |
| 7 | 6 | 3 | 2 | 2 | 2 | 2 | 4 | 5 | 5 | 4 | 3 | 3 | 3 | 3 | 5 | 5 | 7 | 7 | 6 | 4 | 5 | 4 | 4 | 2 | 4.0 | 24 | 11 |
| 8 | 2 | 2 | 1 | 1 | 2 | 3 | 7 | 15 | 14 | 8 | 6 | 5 | 5 | 7 | 9 | 14 | 15 | 12 | 12 | 10 | 14 | 9 | 9 | 10 | 8.0 | 24 | 30 |
| 9* | 9 | 4 | 3 | 3 | 2 | 2 | 4 | 7 | 10 | 11 | 12 | 14 | 15 | 13 | 13 | 13 | 12 | 12 | 12 | 13 | 16 | 10 | 8 | 12 | 9.7 | 24 | 26 |
| 10* | 10 | 9 | 5 | 3 | 2 | 2 | 2 | 3 | 2 | 3 | 4 | 6 | 7 | 7 | 10 | 14 | 19 | 18 | 16 | 12 | 8 | 6 | 4 | 5 | 7.3 | 24 | 36 |
| 11 | 3 | 2 | 2 | 1 | 1 | 1 | 5 | | 9 | 8 | | | | 9 | 12 | 9 | 18 | 17 | 12 | 9 | 13 | 12 | 8 | 8 | 7.9 | 20 | 28 |
| 12 | 5 | 2 | 2 | 2 | 2 | 2 | 4 | 5 | 6 | 5 | 5 | 4 | 5 | 3 | 6 | 6 | 9 | 9 | 5 | 4 | 5 | 3 | 3 | 4 | 4.5 | 24 | 12 |
| 13 | 2 | 1 | 1 | 1 | 1 | 1 | 4 | 6 | 7 | 5 | 4 | 5 | 3 | 4 | 7 | 9 | 10 | 8 | 5 | 5 | 4 | 5 | 7 | 4 | 4.5 | 24 | 16 |
| 14 | 3 | 2 | 2 | 1 | 1 | 2 | 6 | 11 | 11 | 8 | 7 | 8 | 3 | 4 | 7 | 8 | 10 | 11 | 7 | 6 | 7 | 7 | 6 | 5 | 6.0 | 24 | 21 |
| 15 | 3 | 3 | 2 | 2 | 2 | 2 | 5 | 8 | 8 | 5 | 4 | 5 | 5 | 5 | | | 9 | 9 | 8 | 8 | 7 | 7 | 7 | 8 | 5.5 | 22 | 15 |
| 16* | 6 | 5 | 5 | 5 | 4 | 5 | 6 | 7 | 8 | 8 | 8 | 8 | 6 | 6 | 7 | 7 | 7 | 8 | 7 | 8 | 10 | 6 | 5 | 7 | 6.6 | 24 | 14 |
| 17* | 6 | 7 | 4 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 4 | 5 | 4 | 5 | 7 | 7 | 6 | 6 | 6 | 4 | 3 | 5 | 5 | 4.5 | 24 | 11 |
| 18 | 3 | 1 | 1 | 1 | 1 | 2 | | | | | | | | | 6 | 7 | 8 | 8 | 6 | 5 | 8 | 7 | 5 | 4 | 4.5 | 16 | 12 |
| 19 | 3 | 2 | 1 | 1 | 2 | 4 | 10 | 9 | 13 | 7 | 8 | 7 | 4 | 7 | 10 | 10 | 9 | 11 | 10 | 8 | 5 | 10 | 7 | 9 | 7.0 | 24 | 21 |
| 20 | 7 | 5 | 4 | 3 | 4 | 8 | 8 | 11 | 12 | 11 | 13 | 11 | 6 | 7 | 10 | 7 | 8 | 8 | 6 | 6 | 7 | 6 | 5 | 4 | 7.3 | 24 | 20 |
| 21 | 3 | 7 | 4 | 1 | 1 | 2 | 5 | 9 | 13 | 12 | 9 | 11 | 7 | 6 | 7 | 7 | 7 | 7 | 4 | 4 | 3 | 4 | 3 | 4 | 5.8 | 24 | 24 |
| 22 | 3 | 2 | 2 | 2 | 2 | 2 | 4 | 6 | 6 | 5 | 5 | 6 | 9 | 6 | 8 | 9 | 8 | 5 | 5 | 5 | 6 | 6 | 7 | 5 | 5.2 | 24 | 16 |
| 23* | 5 | 3 | 3 | 3 | 2 | 2 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 4 | 5 | 5 | 4 | 5 | 5 | 4 | 5 | 5 | 4 | 4 | 4.0 | 24 | 9 |
| 24* | 4 | 4 | 3 | 2 | 2 | 2 | 2 | 3 | 4 | 3 | 4 | 3 | 3 | 3 | 4 | 4 | 5 | 4 | | | 3 | | 2 | 2 | 3.1 | 21 | 10 |
| 25 | 1 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 2 | | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 2.6 | 23 | 9 |
| 26 | 4 | 3 | 2 | 2 | 2 | 3 | 5 | 6 | 6 | 6 | 4 | | 5 | 5 | 7 | 10 | 10 | 10 | 6 | 8 | 8 | 8 | 8 | 7 | 5.9 | 23 | 21 |
| 27 | 5 | 5 | 5 | 4 | 4 | 5 | 12 | 12 | 13 | 10 | 7 | 6 | 7 | 7 | 10 | 12 | 12 | 12 | 9 | 8 | 7 | 5 | 6 | 7 | 7.9 | 24 | 21 |
| 28 | 5 | 4 | 4 | 3 | 4 | 4 | 8 | 9 | 7 | 7 | 4 | 4 | 6 | 6 | 17 | 22 | 16 | 14 | 10 | 9 | 8 | 6 | 6 | 7 | 8.0 | 24 | 35 |
| 29 | 5 | 4 | 3 | 3 | 3 | 3 | 5 | 12 | 12 | 7 | 5 | 5 | 5 | 5 | 7 | 9 | 9 | 7 | 5 | 4 | 4 | 4 | 4 | 4 | 5.6 | 24 | 19 |
| 30* | 4 | 3 | 3 | 2 | 2 | 2 | 2 | 3 | 4 | 4 | 5 | 4 | 4 | 5 | 4 | 6 | 8 | 7 | 5 | 7 | 5 | 4 | 3 | 4 | 4.2 | 24 | 12 |
| 31* | 5 | 4 | 3 | 3 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 5 | 5 | 6 | 7 | 5 | 6 | 7 | 7 | 6 | 6 | 6 | 4.6 | 24 | 13 |
| MEAN | 4 | 3 | 3 | 2 | 2 | 3 | 5 | 7 | 8 | 7 | 6 | 6 | 6 | 6 | 8 | 9 | 10 | 9 | 8 | 7 | 7 | 6 | 5 | 6 | 5.9 | | |
| NO | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 28 | 30 | 28 | 28 | 27 | 28 | 30 | 28 | 30 | 31 | 30 | 29 | 30 | 31 | 29 | 31 | 31 | | 715 | |
| MAX | 10 | 9 | 5 | 5 | 4 | 8 | 12 | 15 | 14 | 12 | 13 | 14 | 15 | 13 | 17 | 22 | 19 | 21 | 18 | 13 | 16 | 12 | 9 | 12 | 9.7 | | 36 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

## Table 3-9. JANUARY, HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)
### Colorimetric Analysis

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO. OF HRS. | 5-MIN MAX. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1* | .07 | .08 | .09 | .09 | .08 | .08 | .06 | .07 | .06 | .06 | .05 | .04 | .05 | .04 | | | .07 | .08 | .07 | .06 | .06 | .06 | .06 | .06 | .064 | 22 | .10 |
| 2 | .07 | .05 | .04 | .06 | .06 | .06 | .08 | .08 | .08 | .09 | .07 | .07 | .07 | .08 | | | .14 | .14 | .13 | .13 | .14 | .11 | .10 | .09 | .088 | 22 | .16 |
| 3 | .06 | .05 | .03 | .03 | .04 | .04 | .07 | .16 | .22 | .15 | .14 | .15 | .14 | .12 | | | .15 | .16 | .14 | .14 | .14 | .11 | .09 | .09 | .108 | 22 | .23 |
| 4 | .09 | .10 | .07 | .09 | .14 | .13 | .17 | .32 | .39 | .27 | .17 | .11 | .14 | .12 | | | .09 | .11 | .10 | .08 | .06 | .06 | .09 | .07 | .134 | 22 | .42 |
| 5 | .10 | .12 | .12 | .11 | .10 | .04 | .09 | .16 | .19 | .18 | .15 | .12 | .08 | .07 | | | | .11 | .07 | .15 | .16 | .13 | .08 | .09 | .114 | 21 | .22 |
| 6 | .06 | .04 | .04 | .05 | .04 | .03 | .05 | .08 | .11 | .07 | .08 | .07 | .06 | .06 | | | .08 | .12 | .09 | .05 | .04 | .04 | .04 | .06 | .061 | 22 | .13 |
| 7* | .03 | .04 | .02 | .02 | .02 | .03 | .03 | .04 | .06 | .07 | .07 | .06 | .06 | .05 | | | .06 | .05 | .06 | .07 | .06 | .05 | .07 | .08 | .050 | 22 | .08 |
| 8* | .09 | .09 | .07 | .04 | .04 | .03 | .04 | .06 | .06 | .07 | .05 | .04 | .05 | .05 | | | .08 | .08 | .07 | .05 | .06 | .07 | .06 | .05 | .058 | 22 | .12 |
| 9 | .05 | .04 | .03 | .02 | .03 | .03 | .04 | .08 | .13 | .10 | .09 | | | | | | .10 | .14 | .13 | .14 | .10 | .09 | .08 | .08 | .078 | 19 | .15 |
| 10 | .07 | .04 | .04 | .02 | .02 | .03 | .06 | .09 | .13 | .14 | .15 | .11 | .09 | .10 | | | .15 | .15 | .13 | .09 | .10 | .11 | .12 | .12 | .093 | 22 | .17 |
| 11 | .09 | .06 | .04 | .03 | .03 | .06 | .12 | .22 | .24 | .21 | .16 | .15 | .09 | .11 | | | .15 | .18 | .14 | .09 | .07 | .06 | .08 | .07 | .110 | 22 | .27 |
| 12 | .06 | .06 | .05 | .03 | .03 | .05 | .09 | .17 | .17 | .13 | .11 | .09 | .07 | .11 | | | .18 | .23 | .16 | .14 | .14 | .17 | .17 | .15 | .116 | 22 | .25 |
| 13 | .14 | .17 | .15 | .13 | .12 | .11 | .15 | .28 | .33 | .28 | .19 | .16 | .14 | .13 | | | .19 | .26 | .22 | .19 | .20 | .21 | .20 | .21 | .189 | 22 | .38 |
| 14* | .18 | .13 | .10 | .07 | .07 | .08 | .09 | .12 | .11 | .08 | .07 | .08 | .15 | .14 | | | .18 | .18 | .12 | .08 | .12 | .11 | .09 | .10 | .111 | 22 | .20 |
| 15* | .07 | .05 | .06 | .04 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | | | .07 | .07 | .09 | .10 | .09 | .08 | .10 | .09 | .056 | 22 | .12 |
| 16 | .11 | .06 | .07 | .05 | .04 | .05 | .07 | .12 | .17 | .16 | .10 | .09 | | | | | | .10 | .11 | .08 | .05 | .04 | .04 | .04 | .081 | 19 | .19 |
| 17 | .04 | .03 | .02 | .02 | .02 | .03 | .06 | .11 | .17 | .15 | .11 | .11 | .09 | .08 | | | | .14 | .11 | .09 | .10 | .11 | .09 | .09 | .084 | 21 | .18 |
| 18 | .07 | .05 | .04 | .04 | .03 | .04 | .06 | .12 | .19 | .22 | .24 | .27 | .23 | .17 | | | .07 | .15 | .17 | | | | | | .127 | 17 | .30 |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | .08 | .08 | .06 | .05 | .06 | .10 | .16 | .16 | .14 | .10 | .09 | .08 | .06 | | | .14 | .12 | .10 | .07 | .07 | .07 | .07 | .09 | .092 | 21 | .18 |
| 21* | .09 | .08 | .06 | .05 | .06 | .07 | .06 | .06 | .08 | .11 | .09 | .06 | .07 | .08 | | | .10 | .21 | .22 | .22 | .32 | .36 | .26 | .16 | .130 | 22 | .42 |
| 22* | .13 | .10 | .08 | .06 | .04 | .05 | .05 | .10 | .14 | .15 | .14 | .09 | .08 | .09 | | | | .08 | .07 | .06 | .06 | .05 | .05 | .05 | .082 | 21 | .16 |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | .11 | .10 | .07 | .06 | .12 | .15 | .17 | .31 | .28 | .22 | .25 | .13 | .08 | .06 | | | | | | | .03 | .05 | .06 | .08 | .129 | 18 | .36 |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | .01 | .01 | .01 | .00 | .01 | .01 | .01 | .01 | .01 | .02 | .02 | .01 | .01 | .0 | | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .00 | .00 | .009 | 23 | .02 |
| 28* | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .01 | .01 | .00 | .00 | .00 | .0 | | | .00 | .00 | .00 | .01 | .01 | .01 | .01 | .00 | .002 | 22 | .01 |
| 29* | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .01 | .01 | .00 | .00 | .0 | | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .001 | 23 | .01 |
| 30 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | | | | | | | | .04 | .06 | .03 | .03 | .02 | .03 | .03 | .06 | .017 | 17 | .07 |
| 31 | .05 | .02 | .02 | .04 | .04 | .07 | .08 | .11 | .11 | .11 | .08 | .10 | .08 | .07 | | | | .08 | .11 | .12 | .10 | .09 | .08 | .06 | .077 | 21 | .12 |
| MEAN | .07 | .06 | .05 | .04 | .05 | .05 | .07 | .11 | .13 | .12 | .10 | .09 | .09 | .08 | | | .10 | .12 | .10 | .09 | .09 | .09 | .08 | .08 | .083 | | |
| NO. | 26 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 26 | 26 | 25 | 24 | 24 | | 2 | 21 | 26 | 26 | 25 | 26 | 26 | 26 | 26 | | 571 | |
| MAX | .18 | .17 | .15 | .13 | .14 | .15 | .17 | .32 | .39 | .28 | .25 | .27 | .23 | .17 | | .01 | .19 | .26 | .22 | .22 | .32 | .36 | .26 | .21 | .189 | | .42 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

**Table 3-10. FEBRUARY, HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)**
**Colorimetric Analysis**

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO. OF HRS. | 5-MIN. MAX. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .05 | .03 | .04 | .04 | .04 | .06 | | | | | | | | .11 | | | .08 | .10 | .04 | .04 | .04 | .04 | .03 | .04 | .053 | 15 | .13 |
| 2 | .03 | .04 | .03 | .03 | .03 | .03 | .06 | .09 | .11 | .13 | .14 | .13 | .11 | .09 | | | | .11 | .12 | .16 | .16 | .13 | .10 | .10 | .091 | 21 | .18 |
| 3 | .13 | .09 | .04 | .07 | .10 | .13 | .16 | .17 | .15 | .12 | | .06 | .06 | .06 | | | | | | | | | | | .101 | 13 | .21 |
| 4* | | | | | | | | | .08 | .09 | .09 | .07 | .08 | .09 | | | .08 | .07 | .07 | .07 | .05 | .07 | .07 | .09 | .075 | 14 | .14 |
| 5* | .09 | .08 | .07 | .09 | .08 | .06 | .03 | .04 | .05 | .05 | .06 | .06 | .04 | .03 | | | .04 | .04 | .04 | .03 | .02 | .02 | .03 | .03 | .047 | 22 | .12 |
| 6 | .02 | .02 | .02 | .01 | .01 | .03 | .05 | .07 | .08 | .11 | .16 | .18 | .24 | .11 | | | | .09 | .11 | .07 | .06 | .06 | .06 | .06 | .077 | 21 | .29 |
| 7 | .05 | .03 | .02 | .02 | .02 | .03 | .06 | .09 | .09 | .10 | .09 | .08 | .07 | .05 | | | .08 | .07 | .05 | .10 | .15 | .20 | .20 | .20 | .084 | 22 | .22 |
| 8 | .16 | .11 | .11 | .14 | .13 | .15 | .15 | .16 | .13 | .12 | .13 | | .08 | .07 | | .07 | .10 | .11 | .08 | .05 | .06 | .05 | .04 | .05 | .102 | 22 | .19 |
| 9 | .05 | .06 | .07 | .06 | .07 | .09 | .13 | .19 | .21 | .20 | .14 | .11 | .07 | .05 | | | | | .07 | .05 | .05 | .05 | .04 | .03 | .089 | 20 | .23 |
| 10 | .02 | .02 | .02 | .02 | .02 | .02 | .06 | .08 | .09 | .07 | .06 | .08 | .08 | .08 | | | | .04 | .03 | .02 | .02 | .02 | .01 | .02 | .041 | 21 | .09 |
| 11* | .02 | .02 | .01 | .01 | .01 | .01 | .02 | .03 | .04 | .05 | .05 | .05 | .04 | .04 | | | .06 | .08 | .08 | .08 | .10 | | | | .042 | 19 | .10 |
| 12* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | | .02 | .02 | .02 | .03 | | | | | .13 | | .07 | | | | | .11 | .11 | .10 | .09 | .17 | .19 | .21 | | .097 | 13 | .22 |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18* | .09 | .08 | .05 | .03 | .05 | .04 | .05 | .03 | .08 | .08 | .09 | .07 | .07 | .09 | | | .09 | .11 | .12 | .14 | .09 | .10 | .11 | .11 | .080 | 22 | .16 |
| 19* | .10 | .08 | .08 | .10 | .09 | .12 | .09 | .10 | .10 | .08 | .06 | .04 | .04 | .06 | | | .11 | .12 | .11 | .12 | .11 | .10 | .08 | .06 | .088 | 22 | .13 |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | .05 | .04 | .03 | .03 | .04 | .04 | .08 | .14 | .13 | .10 | .09 | .14 | .17 | .15 | | | .13 | .12 | .09 | .08 | .07 | .06 | .06 | .05 | .086 | 22 | .20 |
| 23 | .04 | .02 | .02 | .03 | .04 | .05 | .13 | .23 | .21 | .17 | .12 | .08 | .07 | .05 | | | .07 | .09 | .07 | .06 | .06 | .05 | .05 | .04 | .079 | 22 | .26 |
| 24 | .03 | .02 | .02 | .02 | .02 | .02 | .06 | .10 | .12 | .12 | .10 | .08 | .07 | .06 | | | .09 | .09 | .09 | .08 | .08 | .09 | .10 | .12 | .072 | 22 | .14 |
| 25* | .11 | .09 | .06 | .06 | .06 | .05 | .08 | .10 | .14 | .13 | .09 | .08 | .07 | .06 | | | .07 | .09 | .09 | .08 | .10 | .09 | .11 | .11 | .087 | 22 | .16 |
| 26* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | | .04 | .03 | .04 | | | | .13 | .15 | | | | | .09 | | | .12 | .13 | .13 | .10 | .08 | .08 | .09 | .06 | .091 | 14 | .16 |
| 28 | .05 | .03 | .03 | .03 | .03 | .05 | .11 | .20 | .21 | .16 | .15 | .11 | .11 | .09 | | | .15 | .16 | .13 | .11 | .11 | .09 | .06 | .06 | .102 | 22 | .24 |
| MEAN | .06 | .05 | .04 | .04 | .05 | .06 | .08 | .11 | .12 | .11 | .10 | .09 | .09 | .08 | | | | .09 | .08 | .08 | .08 | .08 | .08 | .07 | .079 | | |
| NO. | 17 | 19 | 19 | 19 | 18 | 17 | 16 | 17 | 18 | 18 | 16 | 17 | 17 | 19 | | 1 | 15 | 18 | 19 | 19 | 19 | 18 | 18 | 17 | | 391 | |
| MAX | .16 | .11 | .11 | .14 | .13 | .15 | .16 | .23 | .21 | .20 | .14 | .18 | .24 | .15 | | .07 | .15 | .16 | .13 | .16 | .17 | .20 | .21 | .20 | .102 | | .29 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

# HOURLY AVERAGES OF GASEOUS POLLUTANT CONCENTRATIONS

## Table 3-11. MARCH, HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)
Colorimetric Analysis

| DAY OF MONTH | AM 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | PM 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO OF HRS | 5-MIN MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .05 | .03 | .02 | .01 | .01 | .00 | .02 | .09 | .14 | .10 | .11 | .06 | .08 | .05 | | .09 | .05 | .06 | .05 | .04 | .06 | .07 | .07 | .06 | .055 | 22 | .20 |
| 2 | .06 | .05 | .05 | .04 | .04 | .07 | .14 | .19 | .23 | .20 | .22 | | | | | | .13 | .16 | .22 | .17 | .15 | .19 | .21 | .22 | .141 | 20 | .28 |
| 3 | .16 | .13 | .10 | .08 | .06 | .05 | .12 | .20 | .21 | .21 | .14 | .09 | .06 | .07 | | .12 | .10 | .11 | .09 | .07 | .07 | .08 | .06 | .07 | .106 | 23 | .26 |
| 4* | .08 | .04 | .02 | .01 | .02 | .01 | .02 | .04 | .09 | .09 | .05 | .08 | .13 | .13 | | | .16 | .15 | .13 | .12 | .12 | .10 | .12 | .17 | .086 | 22 | .19 |
| 5* | .16 | .15 | .08 | .04 | .02 | .02 | .02 | .03 | .04 | .04 | .04 | .05 | .07 | .08 | | | .17 | .16 | .14 | .10 | .07 | .09 | .10 | .10 | .080 | 22 | .21 |
| 6 | .08 | .05 | .03 | .03 | .03 | .05 | .11 | .19 | .22 | .22 | | | | | | | | .08 | .10 | .06 | .12 | .11 | .11 | .08 | .097 | 17 | .24 |
| 7 | .09 | .11 | .07 | .05 | .04 | .06 | .12 | .15 | .23 | .20 | | | | | | | | .16 | .14 | .13 | .13 | .14 | .13 | .13 | .122 | 17 | .25 |
| 8 | .10 | .04 | .02 | .03 | .04 | .08 | .15 | .21 | .17 | .13 | .14 | .12 | | | | | .13 | .12 | .08 | .06 | .05 | .07 | .09 | .07 | .094 | 20 | .28 |
| 9 | .07 | .05 | .05 | .05 | .05 | .07 | .10 | .15 | .15 | .14 | .10 | .07 | .06 | .06 | | | | | .10 | .09 | .08 | .11 | .11 | .09 | .086 | 20 | .16 |
| 10 | .06 | .05 | .03 | .03 | .04 | .06 | .11 | .18 | .17 | .14 | .12 | .09 | .06 | .03 | | .07 | .06 | .13 | .18 | .18 | .18 | .24 | .28 | .31 | .122 | 23 | .39 |
| 11* | .24 | .14 | .14 | .14 | .16 | .18 | .19 | .09 | .07 | .11 | .12 | .12 | .11 | .11 | | | .14 | .14 | .14 | .12 | .14 | .14 | .16 | .23 | .141 | 22 | .33 |
| 12* | .17 | .13 | .07 | .04 | .03 | .02 | .02 | .03 | .04 | .05 | .08 | .08 | .11 | .14 | | .17 | .19 | .19 | .19 | .19 | .19 | .09 | .06 | .07 | .101 | 23 | .22 |
| 13 | .07 | .06 | .03 | .02 | .02 | .04 | .10 | .30 | .37 | .26 | .14 | .14 | .15 | .14 | | | .16 | .16 | .17 | .14 | .15 | .17 | .12 | .09 | .136 | 22 | .41 |
| 14 | .06 | .06 | .03 | .03 | .03 | .03 | .11 | .19 | .24 | .19 | .17 | .15 | .15 | .16 | | | .17 | .17 | .15 | .15 | .15 | .14 | .16 | .09 | .126 | 22 | .26 |
| 15 | .08 | .06 | .04 | .03 | .03 | .03 | .08 | .13 | .20 | .16 | .14 | .15 | .17 | .16 | | | .20 | .24 | .26 | .21 | .19 | .19 | .15 | .20 | .140 | 22 | .30 |
| 16 | .14 | .10 | .09 | .06 | .05 | .08 | .16 | .19 | .18 | .11 | .08 | .08 | .06 | .07 | | | | | .16 | .13 | .14 | .12 | | .10 | .110 | 19 | .22 |
| 17 | .08 | .06 | .04 | .04 | .04 | .05 | .14 | .22 | .26 | .22 | .18 | .17 | .14 | .11 | | | .15 | .14 | .14 | .14 | .19 | .19 | .21 | .19 | .140 | 22 | .29 |
| 18* | .18 | .13 | .12 | .09 | .09 | .08 | .11 | .19 | .18 | .10 | .08 | .07 | .09 | .10 | | | .13 | .11 | .12 | .11 | .12 | .13 | .12 | .17 | .117 | 22 | .27 |
| 19* | .20 | .17 | .12 | .09 | .09 | .07 | .06 | .06 | .05 | .03 | .04 | .04 | .03 | .04 | | | .08 | .09 | .10 | .10 | .08 | .09 | .08 | .04 | .077 | 22 | .23 |
| 20 | .06 | .03 | .03 | .00 | .00 | .01 | .07 | .15 | .18 | .13 | .12 | .14 | .23 | .23 | | | | | | | | | | | .099 | 14 | .28 |
| 21 | | | | | | | | | | .09 | .07 | .08 | .06 | .06 | | .07 | .09 | .10 | .11 | .12 | .11 | .09 | .08 | .10 | .087 | 14 | .14 |
| 22 | .08 | .04 | .03 | .03 | .05 | .08 | .19 | .27 | .22 | | .09 | .11 | .08 | .07 | | | .14 | .15 | .11 | .10 | .10 | .18 | .15 | .10 | .111 | 21 | .30 |
| 23 | .11 | .09 | .05 | .04 | .05 | .08 | .19 | .24 | .20 | .17 | .13 | .07 | .07 | .05 | | | .11 | .15 | .13 | .09 | .07 | .07 | .14 | .16 | .111 | 22 | .27 |
| 24 | .11 | .10 | .04 | .03 | .03 | .02 | .11 | .14 | .13 | .14 | .08 | .09 | .09 | .07 | | .14 | .11 | .12 | .08 | .08 | .06 | .07 | .08 | .10 | .086 | 23 | .20 |
| 25* | .08 | .05 | .05 | .08 | .09 | .10 | .13 | .15 | .16 | .13 | .10 | .06 | .04 | .04 | | | .04 | .08 | .08 | .09 | .15 | .24 | .26 | .33 | .114 | 22 | .40 |
| 26* | .20 | .20 | .09 | .05 | .05 | .04 | .05 | .07 | .08 | .08 | .11 | .06 | .04 | .11 | | .05 | .06 | .05 | .05 | .04 | .05 | .05 | .06 | .06 | .073 | 23 | .29 |
| 27 | .04 | .03 | .02 | .02 | .01 | .01 | .05 | .08 | .11 | .12 | .11 | .11 | .08 | .07 | | | .12 | .14 | .09 | .08 | .08 | .12 | .09 | .09 | .075 | 22 | .18 |
| 28 | .08 | .06 | .03 | .02 | .02 | .02 | .06 | .15 | .21 | .14 | .08 | .08 | .11 | .13 | | | .14 | .17 | .16 | .25 | .11 | .12 | .12 | .13 | .111 | 22 | .29 |
| 29 | .12 | .08 | .04 | .04 | .03 | .03 | .12 | .25 | .27 | .17 | .10 | .11 | .13 | .11 | | | .19 | .20 | .07 | .04 | .04 | .05 | .04 | .06 | .104 | 22 | .32 |
| 30 | .05 | .01 | .01 | .00 | .00 | .00 | .03 | .06 | .08 | .07 | .05 | .03 | .01 | .00 | | .02 | .04 | .04 | .02 | .02 | .03 | .04 | .03 | .02 | .028 | 23 | .09 |
| 31 | .02 | .01 | .01 | .01 | .01 | .01 | .04 | .08 | .08 | | .09 | | | | | | .07 | .07 | .11 | .08 | .10 | .09 | .06 | .06 | .054 | 18 | .13 |
| MEAN | .10 | .07 | .05 | .04 | .04 | .05 | .10 | .15 | .16 | .14 | .11 | .09 | .09 | .09 | | | .12 | .13 | .12 | .11 | .11 | .12 | .12 | .12 | .101 | | |
| NO | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 29 | 29 | 27 | 26 | 26 | | 8 | 26 | 28 | 30 | 30 | 30 | 30 | 29 | 30 | | 648 | |
| MAX | .24 | .20 | .14 | .14 | .16 | .18 | .19 | .30 | .37 | .26 | .22 | .17 | .23 | .23 | | .17 | .20 | .24 | .26 | .25 | .19 | .24 | .28 | .33 | .141 | | .41 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

## HOURLY AVERAGES OF
## GASEOUS POLLUTANT CONCENTRATIONS

**Table 3-12. APRIL, HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)**
**Colorimetric Analysis**

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO OF HRS | 5-MIN MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1* | .06 | .04 | .06 | .07 | .09 | .07 | .10 | .17 | .26 | .28 | .14 | .17 | .19 | .18 | | | .23 | | | | | | | | .138 | 15 | .36 |
| 2* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | .04 | .05 | .09 | .04 | .07 | .03 | .08 | .11 | .11 | .08 | .04 | .06 | .02 | .03 | | | .07 | .09 | .14 | .07 | .09 | .08 | .09 | .09 | .069 | 22 | .15 |
| 5 | .09 | .07 | .06 | .09 | .13 | .17 | .27 | .41 | .44 | .33 | .25 | .13 | .09 | .12 | | | | .24 | .26 | .25 | .19 | .08 | .06 | .05 | .179 | 21 | .49 |
| 6 | .04 | .08 | .08 | .04 | .04 | .03 | .12 | | .23 | .16 | .12 | .13 | .14 | .12 | | | | .20 | .18 | .16 | .16 | .10 | .08 | .06 | .114 | 20 | .28 |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | .05 | .03 | .02 | .01 | .01 | .02 | .09 | .18 | .16 | .11 | .09 | .08 | .06 | .08 | | | .11 | .12 | .13 | .09 | .10 | .13 | .14 | .10 | .086 | 22 | .21 |
| 12 | .07 | .03 | .01 | .00 | .00 | .01 | .03 | .10 | .11 | .07 | .06 | .10 | .14 | .17 | | | .25 | .26 | .23 | .19 | .16 | .08 | .08 | .14 | .103 | 22 | .32 |
| 13 | .11 | .07 | .04 | .03 | | | | | | | | .22 | .22 | .25 | | | .11 | .10 | .10 | .12 | .14 | .07 | .03 | .02 | .106 | 15 | .28 |
| 14 | .01 | .01 | .00 | .01 | .01 | .01 | .02 | .06 | .06 | .05 | .05 | .05 | .03 | .02 | | .05 | .02 | .03 | .05 | .07 | .08 | .11 | .06 | .06 | .040 | 23 | .12 |
| 15* | .05 | .03 | .03 | .03 | .02 | .02 | .03 | .04 | .05 | .05 | .04 | .03 | .03 | .02 | | | .04 | .05 | .06 | .11 | .15 | .25 | .28 | .33 | .078 | 22 | .47 |
| 16* | .35 | .24 | .18 | .14 | .07 | .04 | .02 | .04 | .05 | .05 | .05 | .02 | .01 | .03 | | .02 | .07 | .09 | .29 | .22 | .16 | .10 | .05 | .03 | .100 | 23 | .48 |
| 17 | .03 | .02 | .01 | .02 | .02 | .02 | .03 | .05 | .05 | .04 | .04 | .03 | | | | | .06 | .07 | .05 | .05 | .05 | .06 | .06 | .07 | .040 | 20 | .08 |
| 18 | .08 | .06 | .06 | .06 | .07 | .09 | .15 | .25 | .28 | .24 | .21 | .17 | .08 | .08 | | | .10 | .12 | .09 | .09 | .07 | .12 | .12 | .10 | .121 | 22 | .31 |
| 19 | .07 | .04 | .01 | .01 | .00 | .01 | .04 | .12 | .14 | .11 | .08 | .09 | .08 | .07 | .01 | | | .15 | .15 | .16 | .20 | .24 | .22 | .21 | .100 | 22 | .29 |
| 20 | .17 | .08 | .04 | .02 | .01 | .02 | .06 | .10 | .07 | .05 | .03 | .06 | .10 | .17 | | | | .04 | .05 | .03 | .05 | .08 | .11 | .05 | .066 | 21 | .23 |
| 21 | .05 | .05 | .00 | .00 | .00 | .02 | .07 | .10 | .09 | .04 | .05 | .06 | .04 | .01 | | | | .04 | .01 | .05 | .08 | .07 | .17 | .10 | .052 | 21 | .21 |
| 22* | .05 | .01 | .00 | .00 | .00 | .00 | .00 | .01 | .01 | .02 | .02 | .02 | .02 | .03 | | | .04 | .05 | .04 | .04 | | .07 | .08 | .07 | .027 | 21 | .08 |
| 23* | .09 | .06 | .04 | .03 | .02 | .02 | .03 | .03 | .03 | .01 | .02 | .02 | .04 | .03 | | .08 | .10 | .10 | .09 | .09 | .07 | .06 | .07 | .09 | .053 | 23 | .14 |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | .23 | .27 | .20 | .14 | .11 | .15 | .19 | .14 | .08 | .05 | .04 | .05 | .06 | .06 | | .08 | .14 | .15 | .12 | .10 | .11 | .13 | .11 | .10 | .121 | 23 | .30 |
| 26 | .07 | .05 | .02 | .01 | .01 | .01 | .06 | .16 | .19 | .16 | .13 | .15 | .11 | .12 | | | .15 | .16 | .13 | .15 | .18 | .22 | .22 | .17 | .119 | 22 | .27 |
| 27 | .19 | .16 | .13 | .11 | .17 | .21 | .30 | .17 | .13 | .09 | .06 | .08 | .08 | .10 | | | | .17 | .16 | .15 | .14 | .17 | .17 | .20 | .149 | 21 | .32 |
| 28 | .12 | .06 | .04 | .07 | .14 | .20 | .21 | .22 | .23 | .15 | .10 | .08 | .08 | .08 | .10 | | | .13 | .14 | .10 | .18 | .08 | .07 | .04 | .119 | 22 | .27 |
| 29* | .03 | .06 | .04 | .02 | .01 | .01 | .01 | .07 | .11 | .06 | .06 | .06 | .06 | .04 | | | .06 | .06 | .06 | .04 | .04 | .04 | .03 | .04 | .046 | 22 | .14 |
| 30* | .03 | .03 | .02 | .02 | .02 | .02 | .04 | .03 | .03 | .02 | .02 | .02 | .02 | .03 | | | .03 | .04 | .03 | .02 | .03 | .02 | .02 | .01 | .025 | 22 | .05 |
| MEAN | .09 | .07 | .05 | .04 | .04 | .05 | .09 | .12 | .13 | .10 | .08 | .08 | .08 | .08 | | | .10 | .11 | .11 | .11 | .12 | .11 | .11 | .10 | .088 | | |
| NO | 23 | 23 | 23 | 23 | 22 | 22 | 22 | 21 | 22 | 22 | 22 | 23 | 22 | 22 | 2 | 4 | 16 | 22 | 22 | 22 | 21 | 22 | 22 | 22 | | 487 | |
| MAX | .35 | .27 | .20 | .14 | .17 | .21 | .30 | .41 | .44 | .33 | .25 | .22 | .22 | .25 | .10 | .08 | .25 | .26 | .29 | .25 | .20 | .25 | .28 | .33 | .179 | | .49 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

## Table 3-13. MAY, HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)
### Colorimetric Analysis

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO OF HRS | 5-MIN MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .01 | | .00 | .01 | .04 | .10 | .23 | .24 | | .05 | .03 | .02 | .04 | .03 | | | .05 | .03 | .03 | .03 | .05 | .07 | .03 | .03 | .055 | 20 | .31 |
| 2 | .01 | .01 | .01 | .01 | .02 | .04 | .08 | .09 | .08 | .08 | .07 | .06 | .06 | .07 | | | .09 | .07 | .06 | .06 | .09 | .08 | .07 | .06 | .057 | 22 | .10 |
| 3 | .05 | .03 | .03 | .03 | .05 | .09 | .17 | .18 | .14 | .07 | .05 | .07 | .08 | .08 | | | .12 | .10 | .05 | .03 | .06 | .08 | .08 | .08 | .077 | 22 | .21 |
| 4 | .04 | .03 | .02 | .02 | .03 | .10 | .18 | .16 | .15 | .13 | .13 | .13 | .10 | .09 | | | | .07 | .03 | .05 | .08 | .06 | .06 | .05 | .080 | 21 | .23 |
| 5 | .03 | .02 | .01 | .01 | .07 | .05 | .09 | .12 | .07 | .04 | | | | .11 | .04 | .04 | .10 | .09 | .08 | .10 | .11 | .13 | .12 | .10 | .074 | 21 | .17 |
| 6* | .08 | .05 | .04 | .03 | .02 | .04 | .07 | .07 | .07 | .06 | .05 | .06 | .08 | .07 | | | .10 | .12 | .10 | .08 | | | | | .065 | 18 | .14 |
| 7* | .12 | .07 | .03 | .02 | .02 | .02 | .03 | .02 | .03 | .03 | .03 | .02 | .03 | .02 | | .02 | .02 | .02 | .01 | .03 | .02 | .03 | .03 | .02 | .029 | 23 | .13 |
| 8 | .02 | .01 | .01 | .01 | .02 | .04 | .09 | .09 | .09 | .06 | .06 | .06 | .05 | .06 | | | .10 | .11 | .07 | .09 | .08 | .09 | .08 | .08 | .062 | 22 | .13 |
| 9 | .06 | .04 | .02 | .03 | .04 | .10 | .19 | .18 | .13 | .08 | .09 | .07 | .06 | .09 | | | .09 | .08 | .05 | .05 | .16 | .27 | .25 | .22 | .106 | 22 | .32 |
| 10 | .20 | .21 | .22 | .07 | .02 | .08 | .18 | .19 | .18 | .13 | .12 | .12 | .14 | .14 | | | .10 | .04 | .05 | .04 | .15 | .11 | .03 | .02 | .114 | 22 | .26 |
| 11 | .00 | .00 | .00 | .00 | .03 | .12 | .19 | .17 | .13 | .12 | .14 | .14 | .15 | .14 | | | .17 | .13 | .10 | .11 | .12 | .08 | .06 | .03 | .096 | 22 | .25 |
| 12 | .03 | .01 | .01 | .00 | .01 | .07 | .15 | .17 | .14 | .12 | | | | | | | .11 | .12 | .09 | .09 | .08 | .09 | .11 | .10 | .082 | 18 | .21 |
| 13* | .08 | .07 | .08 | .05 | .04 | .06 | .07 | .09 | .10 | .08 | .07 | .08 | .06 | .05 | | | .08 | .07 | .06 | .07 | .07 | .09 | .11 | .15 | .075 | 22 | .19 |
| 14* | .15 | .08 | .04 | .02 | .02 | .01 | .02 | .03 | .03 | .02 | .03 | .03 | .03 | .05 | | .11 | .10 | .13 | .09 | .08 | .14 | .12 | .13 | .15 | .070 | 23 | .19 |
| 15 | .08 | .09 | .08 | .06 | .01 | .05 | .16 | .16 | .13 | .09 | .08 | .07 | .08 | .08 | | | .09 | .08 | .09 | .12 | .11 | .08 | .18 | .17 | .097 | 22 | .21 |
| 16 | .14 | .06 | .06 | .14 | .08 | .08 | .11 | .12 | .06 | .05 | .03 | .02 | .02 | .04 | | | .11 | .14 | .14 | .16 | .20 | .35 | .41 | .50 | .136 | 22 | .55 |
| 17 | .36 | .11 | .06 | .05 | .07 | .09 | .13 | .13 | .10 | .06 | .03 | .02 | .02 | .04 | | .08 | .07 | .05 | .06 | .08 | .10 | .13 | .19 | .16 | .095 | 23 | .48 |
| 18 | .09 | .07 | .07 | .07 | .05 | .10 | .12 | .07 | .04 | .04 | .03 | .02 | .01 | .02 | | | .03 | .02 | .01 | .02 | .02 | .01 | .02 | .05 | .044 | 22 | .14 |
| 19 | .03 | .01 | .01 | | | | | | | .05 | .04 | | | | | | .03 | .04 | .04 | .04 | .05 | .08 | .11 | .12 | .049 | 13 | .15 |
| 20* | .08 | .07 | .03 | .03 | .02 | .05 | .07 | .10 | .10 | .09 | | | | | | | | .07 | .07 | .09 | .10 | .10 | .08 | .16 | .076 | 17 | .24 |
| 21* | .16 | .09 | .07 | .05 | .04 | .05 | .06 | .04 | .03 | .04 | .04 | .02 | .01 | .02 | | | .10 | | .12 | .08 | .07 | .08 | .07 | .05 | .061 | 21 | .19 |
| 22 | .02 | .01 | .00 | .00 | .01 | .05 | .15 | .16 | .14 | .10 | .09 | .08 | | | | .12 | .11 | .09 | .13 | .12 | .14 | .15 | .11 | .09 | .087 | 21 | .19 |
| 23 | .05 | .01 | .01 | .02 | .03 | .02 | .07 | .09 | .10 | .09 | .07 | .05 | .05 | .04 | | .07 | .14 | .11 | .05 | .06 | .05 | .04 | .08 | .06 | .058 | 23 | .16 |
| 24 | .01 | .01 | .02 | .01 | .02 | .05 | .14 | .16 | .10 | .07 | .04 | .04 | .04 | .05 | | .05 | .05 | .09 | .06 | .07 | .08 | .10 | .09 | .07 | .061 | 23 | .18 |
| 25 | .04 | .02 | .00 | .01 | .01 | .08 | .21 | .18 | .16 | .14 | .12 | .11 | .06 | .06 | | .10 | .10 | .08 | .08 | .01 | .02 | .04 | .05 | .03 | .073 | 23 | .27 |
| 26 | .00 | .02 | .01 | .00 | .00 | .07 | .09 | .09 | .05 | .01 | | | | | | | .01 | .02 | .00 | .04 | .05 | .13 | .07 | .07 | .039 | 18 | .21 |
| 27* | .06 | .05 | .04 | .02 | .00 | .02 | .03 | .02 | .04 | .04 | .05 | .05 | .05 | .05 | | | .07 | .06 | .05 | .06 | .06 | .07 | .10 | .09 | .048 | 22 | .11 |
| 28* | .09 | .06 | .01 | .01 | .00 | .00 | .01 | .01 | .02 | .02 | .03 | .02 | .05 | .07 | | .08 | .08 | .10 | .05 | .04 | .04 | .05 | .05 | .03 | .039 | 23 | .11 |
| 29 | .00 | .00 | .00 | .00 | .00 | .04 | .15 | .17 | .15 | .14 | .11 | .09 | .05 | .08 | | .06 | .08 | .07 | .07 | .07 | .09 | .07 | .05 | .07 | .070 | 23 | .20 |
| 30 | .08 | .03 | .02 | .00 | .00 | .00 | .01 | .02 | .02 | .03 | .02 | .05 | .04 | .05 | | .09 | .07 | .07 | .05 | .03 | .04 | .03 | .04 | .03 | .035 | 23 | .11 |
| 31 | .01 | .00 | .00 | .00 | .00 | .08 | .19 | .18 | .14 | .08 | .06 | .06 | .05 | .05 | | | .08 | .06 | .05 | .05 | .05 | .05 | .04 | .04 | .059 | 22 | .23 |
| MEAN | .07 | .04 | .03 | .02 | .02 | .06 | .11 | .11 | .09 | .07 | .06 | .06 | .06 | .06 | 1 | 11 | .08 | .08 | .06 | .06 | .08 | .09 | .10 | .09 | .070 | | |
| NO | 31 | 30 | 31 | 30 | 30 | 30 | 30 | 30 | 29 | 31 | 27 | 26 | 25 | 26 | | | 29 | 30 | 31 | 31 | 30 | 30 | 30 | 30 | | 659 | |
| MAX | .36 | .21 | .22 | .14 | .08 | .12 | .23 | .24 | .18 | .14 | .14 | .14 | .15 | .14 | .04 | .12 | .17 | .14 | .14 | .16 | .20 | .35 | .41 | .50 | .136 | | .55 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

**Table 3-14. JUNE, HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)**
**Colorimetric Analysis**

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO. OF HRS. | 5-MIN. MAX. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .01 | .00 | .00 | .00 | .00 | .07 | .14 | .18 | .16 | .12 | .10 | .06 | .06 | .08 | | | .07 | .05 | .07 | .07 | .09 | .09 | .10 | .10 | .073 | 22 | .22 |
| 2 | .06 | .07 | .11 | .04 | .02 | .10 | .19 | .16 | .16 | .11 | .09 | .09 | .09 | .06 | | | .07 | .07 | .06 | .07 | .09 | .05 | .13 | .12 | .090 | 22 | .23 |
| 3* | .11 | .07 | .05 | .05 | .04 | .04 | .09 | .09 | .14 | .14 | .14 | .12 | .06 | .04 | | | .10 | .13 | .08 | .10 | .10 | .09 | .17 | .15 | .094 | 22 | .23 |
| 4* | .21 | .21 | .21 | .09 | .08 | .10 | .10 | | | | | | | | | | .05 | .07 | .07 | .06 | .07 | .08 | .05 | .08 | .101 | 15 | .28 |
| 5 | .08 | .03 | .01 | .02 | .03 | .10 | .15 | .12 | .11 | .05 | | | .03 | .05 | | | .19 | .12 | .08 | .11 | .13 | .15 | .18 | .09 | .092 | 20 | .23 |
| 6 | .06 | .06 | .07 | .12 | .15 | .21 | .16 | .12 | .05 | .03 | .10 | .01 | .00 | .00 | | | .03 | .01 | .02 | .01 | .02 | .01 | .02 | .00 | .060 | 22 | .27 |
| 7 | | | | | | | .10 | .12 | .06 | .03 | .00 | .00 | .03 | .15 | | | .14 | .07 | .07 | .04 | .06 | .07 | | | .066 | 14 | .20 |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | .00 | .00 | .00 | .00 | .04 | .09 | .05 | .03 | .03 | .02 | .07 | .05 | .01 | | .03 | .08 | .06 | .05 | .05 | .08 | .11 | .14 | .09 | .049 | 22 | .19 |
| 10* | .05 | .02 | .01 | .01 | .01 | .02 | .05 | .03 | .07 | .09 | .05 | .04 | .02 | .01 | | | .07 | .07 | .08 | .07 | .09 | .08 | .05 | .08 | .048 | 22 | .15 |
| 11* | .06 | .03 | .02 | .01 | .01 | .02 | .03 | .04 | .01 | .01 | .01 | .02 | .01 | .01 | | .02 | .03 | .02 | .00 | .01 | .06 | .10 | .06 | .06 | .028 | 23 | .13 |
| 12 | .05 | .01 | .00 | .00 | .00 | .02 | .05 | .04 | .03 | | | | | .02 | | .03 | .06 | .07 | .05 | .08 | .09 | .05 | .04 | .04 | .038 | 19 | .12 |
| 13 | .03 | .01 | .01 | .00 | .00 | .00 | .08 | .10 | | | | | | | | | .01 | .01 | .02 | .03 | .04 | .04 | .07 | .06 | .032 | 16 | .19 |
| 14 | .06 | .01 | .00 | .00 | .00 | .04 | .11 | .10 | .05 | .03 | .01 | .00 | .02 | .00 | | | .01 | .01 | .00 | .03 | .05 | .03 | | .03 | .028 | 21 | .13 |
| 15 | .02 | .02 | .01 | .00 | .00 | .02 | .06 | .07 | .06 | .05 | .03 | .00 | .00 | .00 | | .01 | .01 | .01 | .01 | .01 | .05 | .05 | .02 | .06 | .024 | 23 | .12 |
| 16 | .04 | .04 | .01 | .02 | .03 | .08 | .16 | .19 | .13 | | | | | | | | .09 | .06 | .04 | .02 | .02 | .06 | .11 | .07 | .068 | 17 | .22 |
| 17* | .02 | .02 | .00 | .01 | .01 | .02 | .03 | .06 | .07 | .05 | .06 | .07 | .06 | .03 | | | .08 | .07 | .06 | .06 | .07 | .10 | .11 | .11 | .052 | 22 | .16 |
| 18* | .08 | .05 | .03 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .01 | .02 | .03 | | .04 | .04 | .05 | .06 | .07 | .08 | .10 | .10 | .07 | .035 | 23 | .15 |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | .15 | .14 | .11 | .08 | .04 | .09 | .11 | .16 | .15 | .12 | .16 | .17 | .13 | .17 | | .14 | .14 | .10 | .09 | .09 | .11 | .16 | .13 | .18 | .127 | 23 | .21 |
| 22 | .11 | .07 | .04 | .03 | .04 | .12 | .16 | .17 | .15 | .08 | | | .02 | .03 | | .04 | .06 | .07 | .05 | .05 | .03 | .02 | .09 | .12 | .073 | 21 | .18 |
| 23 | .12 | .07 | .06 | .04 | .02 | .05 | .11 | .11 | .10 | .08 | .05 | .05 | .02 | .03 | | | .02 | .02 | .02 | .04 | .06 | .10 | .12 | .11 | .063 | 22 | .18 |
| 24* | .08 | .05 | .04 | .01 | .01 | .01 | .02 | .04 | .04 | .05 | .07 | .06 | .14 | .13 | | | .16 | .11 | .07 | .08 | .09 | .11 | .13 | .14 | .074 | 22 | .18 |
| 25* | .13 | .06 | .04 | .01 | .00 | .01 | .03 | .02 | .03 | .02 | .03 | .03 | .03 | .02 | | | .04 | .05 | .06 | .05 | .14 | .21 | .28 | .25 | .069 | 22 | .31 |
| 26 | .18 | .10 | .06 | .07 | .12 | .19 | .18 | .18 | .09 | .03 | .03 | .01 | .01 | .03 | | | .10 | .11 | .11 | .10 | .09 | .08 | .05 | .04 | .087 | 22 | .24 |
| 27 | .03 | .07 | .10 | .05 | .09 | .14 | .21 | .21 | .17 | .12 | | | | .01 | | | .08 | .05 | .04 | .06 | .02 | .09 | .10 | .04 | .087 | 19 | .30 |
| 28 | .00 | | | | | | | | | | .00 | .00 | .01 | .02 | | .04 | .06 | .05 | .04 | .04 | .05 | .10 | .14 | .07 | .043 | 14 | .18 |
| 29 | .05 | .05 | .05 | | | | | | | | | | .00 | .01 | | .03 | .04 | .06 | .05 | .07 | .14 | .21 | .14 | .06 | .069 | 14 | .24 |
| 30 | .04 | .05 | .05 | .03 | .02 | .03 | .06 | .07 | .03 | .01 | .00 | .00 | .01 | .00 | | .01 | .02 | .02 | .03 | .05 | .09 | .11 | .17 | .11 | .043 | 23 | .23 |
| MEAN | .07 | .05 | .04 | .03 | .03 | .06 | .10 | .10 | .08 | .06 | .05 | .04 | .04 | .04 | | | .07 | .06 | .05 | .06 | .07 | .09 | .11 | .09 | .063 | | |
| NO. | 25 | 25 | 25 | 24 | 24 | 24 | 25 | 24 | 23 | 21 | 19 | 19 | 22 | 24 | | 10 | 27 | 27 | 27 | 27 | 27 | 27 | 25 | 26 | | 547 | |
| MAX. | .21 | .21 | .21 | .12 | .15 | .21 | .21 | .21 | .17 | .14 | .16 | .17 | .14 | .17 | | .14 | .19 | .13 | .11 | .11 | .14 | .21 | .28 | .25 | .127 | | .31 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

**Table 3-15. JULY, HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)**
Colorimetric Analysis

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO. OF HRS | 5-MIN MAX. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1* | .11 | .08 | .06 | .04 | .05 | .06 | .05 | .03 | .03 | .01 | .02 | .01 | .01 | .00 | | .02 | .07 | .10 | .07 | | | | | | .046 | 18 | .12 |
| 2* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | .08 | .07 | .06 | .07 | .07 | | | | | | .08 | .05 | .04 | .03 | | | .05 | .06 | .05 | .07 | .09 | .09 | .08 | .08 | .066 | 17 | .11 |
| 7 | .06 | .04 | .03 | .03 | .02 | .05 | .07 | .07 | .08 | .04 | .04 | .04 | .03 | .03 | | | .06 | .07 | .07 | .08 | .09 | .11 | .11 | .12 | .061 | 22 | .13 |
| 8* | .08 | .08 | .06 | .06 | .05 | .08 | .10 | .09 | .07 | .05 | .04 | .02 | .03 | .03 | | | .06 | .09 | .05 | .05 | .07 | .09 | .10 | .06 | .064 | 22 | .12 |
| 9* | .06 | .04 | .04 | .04 | .03 | .03 | .03 | .03 | .04 | .03 | .02 | .01 | .01 | .01 | | .01 | .01 | .01 | .02 | .03 | .04 | .04 | .03 | .03 | .027 | 23 | .06 |
| 10 | .02 | .01 | .02 | .02 | .02 | .03 | .09 | .12 | .12 | .13 | .08 | .06 | .06 | .06 | | | .04 | .05 | .05 | .08 | .06 | .06 | .06 | .06 | .059 | 22 | .14 |
| 11 | .05 | .05 | .05 | .08 | .09 | .13 | .15 | .14 | .10 | .04 | .02 | .01 | .00 | .01 | | .08 | .10 | .06 | .05 | .05 | .08 | .09 | .08 | .08 | .069 | 23 | .17 |
| 12 | .06 | .03 | .02 | .02 | .03 | .07 | .11 | .13 | .09 | .06 | .05 | .04 | .03 | .04 | | | .04 | .04 | .06 | .07 | .09 | .12 | .10 | .10 | .063 | 22 | .15 |
| 13 | .07 | .03 | .03 | .02 | .03 | .08 | .13 | .16 | .11 | .10 | .10 | .09 | .09 | .12 | | | .13 | .11 | .10 | .10 | .12 | .08 | .08 | .09 | .089 | 22 | .18 |
| 14 | .05 | .04 | .02 | .01 | .02 | .09 | .14 | .15 | .12 | | | .04 | .05 | .06 | | | .09 | .08 | .07 | .07 | .07 | .08 | .06 | .09 | .069 | 20 | .17 |
| 15* | .08 | .04 | .02 | .03 | .04 | .10 | .08 | .07 | .04 | .04 | .04 | .05 | .05 | .05 | | | .06 | .06 | .06 | .09 | .07 | .05 | .05 | .07 | .055 | 22 | .12 |
| 16* | .13 | .11 | .11 | .08 | .07 | .05 | .04 | .03 | .03 | .02 | .01 | .01 | .02 | .02 | | .03 | .05 | .05 | .04 | .09 | .06 | .06 | .07 | .07 | .054 | 23 | .15 |
| 17 | .06 | .05 | .03 | .02 | .04 | .07 | .09 | .09 | .06 | .03 | .03 | .02 | .01 | | | .02 | .02 | .02 | .02 | .03 | .06 | .06 | .06 | .05 | .041 | 22 | .10 |
| 18 | .04 | .03 | .03 | .02 | .03 | .06 | .08 | .07 | .06 | .05 | .04 | .05 | .05 | .07 | | | .04 | .05 | .06 | .06 | .06 | .09 | .09 | .10 | .055 | 22 | .13 |
| 19 | .04 | .02 | .02 | .02 | .01 | .04 | .10 | .09 | .05 | .04 | .05 | .05 | .05 | .06 | | | .07 | .06 | .06 | .11 | .11 | .12 | .09 | .10 | .061 | 22 | .14 |
| 20 | .04 | .03 | .04 | .03 | .02 | .08 | .12 | .10 | .07 | .04 | | | | .09 | | | .08 | .09 | .08 | .11 | .14 | .13 | .08 | .09 | .077 | 19 | .16 |
| 21 | .06 | .06 | .05 | .12 | .11 | .11 | .14 | .17 | .09 | .11 | .05 | .02 | .02 | .02 | | | .07 | .07 | .08 | .14 | .16 | .11 | .12 | .10 | .089 | 22 | .26 |
| 22* | .09 | .08 | .05 | .05 | .05 | .05 | .07 | .07 | .06 | .04 | .03 | .01 | .01 | .01 | | | .01 | .01 | .01 | .02 | .04 | .04 | .03 | .03 | .039 | 22 | .10 |
| 23* | .03 | .03 | .02 | .02 | .02 | .02 | .01 | .03 | .05 | .02 | .02 | .02 | .03 | .02 | | | .01 | .00 | .00 | .00 | .01 | .02 | .02 | .00 | .017 | 22 | .06 |
| 24 | .00 | .00 | .00 | .00 | .00 | .01 | .01 | .02 | .00 | .00 | .02 | .02 | .02 | .01 | | .01 | .02 | .01 | .02 | .06 | .09 | .12 | .10 | .08 | .027 | 23 | .14 |
| 25 | .04 | .03 | .03 | .01 | .02 | .09 | .16 | .13 | .07 | .04 | .05 | .03 | .02 | .04 | .04 | | .04 | .03 | .03 | .04 | .04 | .11 | .16 | .13 | .059 | 23 | .20 |
| 26 | .14 | .14 | .13 | .09 | .09 | .14 | .14 | .13 | .11 | .11 | .04 | .09 | .06 | .03 | | | .08 | .10 | .07 | .06 | .06 | .06 | .06 | .03 | .088 | 22 | .17 |
| 27 | .03 | .02 | .02 | .01 | .03 | .08 | .11 | .08 | .07 | .07 | .06 | .04 | .02 | .04 | | | .05 | .05 | .06 | .08 | .07 | .11 | .12 | .09 | .059 | 22 | .13 |
| 28 | .08 | .07 | .06 | .06 | .06 | .11 | .19 | .18 | .16 | .05 | | | .02 | .09 | | | .05 | .04 | .05 | .09 | .08 | .07 | .09 | .08 | .082 | 20 | .23 |
| 29* | .12 | .13 | .09 | .09 | .08 | .09 | .09 | .07 | .04 | .02 | .01 | .01 | .01 | .01 | | .01 | .02 | .02 | .01 | .02 | .05 | .05 | .05 | .06 | .049 | 23 | .15 |
| 30* | .07 | .05 | .03 | .03 | .03 | .03 | .04 | .03 | .02 | .03 | .04 | .07 | .05 | .04 | | .04 | .03 | .05 | .05 | .08 | .09 | .10 | .06 | .03 | .046 | 23 | .11 |
| 31 | .03 | .02 | .02 | .03 | .02 | .07 | | | | | .02 | .03 | .03 | .05 | | | .02 | .03 | .07 | .09 | .09 | .06 | .08 | .05 | .044 | 18 | .12 |
| MEAN | .06 | .05 | .04 | .04 | .04 | .07 | .09 | .09 | .07 | .05 | .04 | .04 | .03 | .04 | | | .05 | .05 | .05 | .07 | .08 | .08 | .08 | .07 | .057 | | |
| NO. | 27 | 27 | 27 | 27 | 27 | 26 | 25 | 25 | 25 | 24 | 24 | 25 | 26 | 26 | 1 | 8 | 27 | 27 | 27 | 26 | 26 | 26 | 26 | 26 | | 581 | |
| MAX. | .14 | .14 | .13 | .12 | .11 | .14 | .19 | .18 | .16 | .13 | .10 | .09 | .09 | .12 | .04 | .08 | .13 | .11 | .10 | .14 | .16 | .13 | .16 | .13 | .089 | | .26 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

**Table 3-16. AUGUST, HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)**
**Colorimetric Analysis**

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO. OF HRS. | 5-MIN. MAX. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .03 | .02 | .01 | .01 | .02 | .07 | .09 | .05 | .05 | .05 | .04 | .03 | .02 | .03 | | | .02 | .03 | .04 | .03 | .04 | .03 | .09 | .09 | .040 | 22 | .12 |
| 2 | .08 | .03 | .02 | .03 | .02 | .04 | .12 | .12 | .10 | .06 | .03 | .01 | .01 | .01 | | .01 | .03 | .03 | .03 | .05 | .07 | .08 | .06 | .04 | .046 | 23 | .16 |
| 3 | .02 | .01 | .01 | .01 | .02 | .09 | .19 | .17 | .09 | .05 | .08 | .05 | .03 | .02 | | | .03 | .02 | .02 | .06 | .09 | .13 | .15 | .13 | .067 | 22 | .23 |
| 4 | .09 | .06 | .04 | .04 | .06 | .12 | .20 | .17 | .13 | .10 | | | .06 | .06 | | | .07 | .08 | .11 | .11 | .13 | .11 | .12 | .14 | .100 | 20 | .22 |
| 5* | .09 | .04 | .07 | .13 | .12 | .13 | .17 | .15 | .07 | .06 | .05 | .05 | .04 | .05 | | | .14 | .11 | .11 | .12 | .15 | .14 | .11 | .12 | .100 | 22 | .21 |
| 6* | .19 | .12 | .12 | .11 | .11 | .10 | .11 | .07 | .03 | .03 | .02 | .02 | .02 | .02 | | .03 | .05 | .06 | .07 | .06 | .06 | .09 | .04 | .02 | .067 | 23 | .21 |
| 7 | .01 | .01 | .01 | .01 | .01 | .04 | .08 | .09 | .06 | .04 | .07 | .05 | .06 | .06 | | | .09 | .09 | .08 | .09 | .11 | .11 | .12 | .09 | .062 | 22 | .14 |
| 8 | .05 | .03 | .01 | .01 | .01 | .03 | .07 | .17 | .11 | .06 | .05 | .05 | .04 | .07 | | | .11 | .07 | .08 | .08 | .07 | .08 | .09 | .05 | .063 | 22 | .19 |
| 9 | .03 | .03 | .01 | .03 | .02 | .06 | .11 | .11 | .11 | .07 | .05 | .06 | .06 | .09 | | | .12 | .11 | .09 | .09 | .11 | .14 | .15 | .11 | .079 | 22 | .17 |
| 10 | .10 | .09 | .08 | .09 | .10 | .22 | .29 | .27 | | .11 | | | | .10 | | | .11 | .09 | .08 | .10 | .09 | .08 | .10 | .07 | .119 | 18 | .33 |
| 11 | .05 | .03 | .02 | .02 | .03 | .09 | .14 | .14 | .11 | .08 | .09 | .08 | .07 | .08 | | | .07 | .07 | .08 | .08 | .10 | .13 | .15 | .16 | .085 | 22 | .20 |
| 12* | .13 | .25 | .30 | .26 | .22 | .28 | .31 | .24 | .16 | .07 | .04 | .04 | .06 | .05 | | | .07 | .08 | .07 | .10 | .13 | .12 | .16 | .12 | .148 | 22 | .33 |
| 13* | .23 | .38 | .34 | .19 | .16 | .19 | .24 | .14 | .07 | .03 | .04 | .03 | .02 | .03 | | .06 | .09 | .11 | .14 | .16 | .09 | .07 | .09 | .13 | .130 | 23 | .43 |
| 14 | .16 | .11 | .08 | .06 | .07 | .16 | .19 | .16 | .10 | .09 | | | | | | | .04 | .03 | .03 | .05 | .10 | .13 | .16 | .20 | .105 | 18 | .26 |
| 15 | .12 | .08 | .06 | .06 | .06 | .12 | .17 | .21 | .19 | .18 | .17 | | | | | | .03 | .03 | .05 | .03 | .06 | .12 | .08 | .05 | .096 | 19 | .22 |
| 16 | .03 | .02 | .02 | .03 | .05 | .11 | .14 | .15 | .08 | .04 | .01 | .01 | .01 | .01 | | | .03 | .02 | .02 | .05 | .08 | .08 | .07 | .05 | .050 | 22 | .20 |
| 17 | .02 | .02 | .01 | .01 | .01 | .04 | .09 | .08 | .05 | .04 | .02 | .02 | .01 | .01 | | | .02 | .02 | .03 | .04 | .05 | .02 | .03 | .04 | .030 | 22 | .11 |
| 18 | .03 | .02 | .02 | .03 | .03 | .04 | .07 | .08 | .04 | | | .00 | .03 | .03 | .04 | .04 | .08 | .09 | .08 | .09 | .09 | .08 | .05 | .05 | .049 | 22 | .11 |
| 19* | .05 | .03 | .02 | .02 | .01 | .03 | .06 | .07 | .09 | .10 | .13 | .13 | .13 | .14 | .06 | .14 | .16 | .14 | .11 | .13 | .13 | .12 | .13 | .15 | .096 | 24 | .19 |
| 20* | .12 | .09 | .05 | .05 | .04 | .04 | .05 | .05 | .04 | .02 | .02 | .02 | .02 | .01 | | .03 | .03 | .03 | .04 | .07 | .07 | .10 | .11 | .09 | .051 | 23 | .14 |
| 21 | .06 | .05 | .04 | .04 | .05 | .08 | .15 | .14 | .08 | .05 | .04 | .03 | .02 | .01 | | | .02 | .04 | .06 | .07 | .07 | .04 | .04 | .03 | .054 | 22 | .17 |
| 22 | .02 | .00 | .00 | .00 | .00 | .06 | .11 | .14 | .10 | .06 | .07 | .07 | .03 | .03 | | | .05 | .03 | .02 | .02 | .01 | .03 | .04 | .02 | .041 | 22 | .15 |
| 23 | .00 | .00 | .00 | .00 | .00 | .02 | .07 | .08 | .06 | .03 | .03 | .02 | .02 | .03 | | | .05 | .06 | .06 | .07 | .07 | .08 | .12 | .11 | .044 | 22 | .14 |
| 24 | .02 | .01 | .01 | .01 | .01 | .08 | .17 | .15 | .10 | .05 | .04 | .03 | .03 | .04 | | .03 | .07 | .07 | .08 | .08 | .11 | .15 | .15 | .08 | .068 | 23 | .19 |
| 25 | .04 | .03 | .02 | .01 | .02 | .05 | .20 | .19 | .12 | | | | | .04 | | | .04 | .07 | .09 | .10 | .12 | .15 | .18 | .17 | .090 | 18 | .23 |
| 26* | .12 | .08 | .08 | .12 | .12 | .11 | .15 | .17 | .15 | .12 | .07 | .01 | .01 | .01 | | | .03 | .03 | .02 | .03 | .05 | .04 | .05 | .03 | .072 | 22 | .18 |
| 27* | .02 | .02 | .01 | .01 | .01 | .01 | .02 | .03 | .03 | .03 | .05 | .07 | .08 | .12 | | | .10 | .11 | .10 | .12 | .10 | .09 | .11 | .09 | .059 | 22 | .14 |
| 28 | .06 | .05 | .03 | .02 | .05 | .13 | .41 | .53 | .27 | .08 | .03 | .02 | .02 | .02 | | | .04 | .05 | .08 | .17 | .15 | .15 | .19 | .17 | .123 | 22 | .59 |
| 29 | .13 | .09 | .07 | .08 | .09 | .12 | .15 | .15 | .10 | .09 | .05 | .05 | .03 | .03 | | | .04 | .05 | .10 | .07 | .09 | .07 | .06 | .05 | .080 | 22 | .17 |
| 30 | .03 | .01 | .01 | .01 | .01 | .05 | .15 | .15 | .13 | .10 | .11 | .12 | .10 | .10 | | | .14 | .10 | .08 | .07 | .07 | .05 | .05 | .05 | .076 | 22 | .18 |
| 31 | .03 | .01 | .01 | .01 | .01 | .06 | .14 | .15 | .10 | | | | .06 | .07 | | | .09 | .06 | .06 | .09 | .10 | .09 | .11 | .08 | .069 | 19 | .16 |
| MEAN | .07 | .06 | .05 | .05 | .05 | .09 | .15 | .15 | .10 | .07 | .05 | .04 | .04 | .05 | | | .07 | .06 | .07 | .08 | .09 | .09 | .10 | .09 | .075 | | |
| NO | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 29 | 25 | 25 | 27 | 29 | 2 | 7 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | 669 | |
| MAX | .23 | .38 | .34 | .26 | .22 | .28 | .41 | .53 | .27 | .18 | .17 | .13 | .13 | .14 | .06 | .14 | .16 | .14 | .14 | .17 | .15 | .15 | .19 | .20 | .148 | | .59 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

**Table 3-17. SEPTEMBER, HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)**
**Colorimetric Analysis**

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO. OF HRS | 5-MIN MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .05 | .03 | .02 | .03 | .20 | .34 | .32 | .18 | .10 | .07 | .06 | .06 | .04 | .05 | | | .05 | .06 | .07 | .10 | .09 | .09 | .22 | .15 | .107 | 22 | .54 |
| 2* | .11 | .08 | .06 | .04 | .05 | .05 | .08 | .09 | .05 | .02 | .02 | .02 | .02 | .02 | | | .03 | .03 | .03 | .04 | .05 | .06 | .08 | .07 | .049 | 22 | .16 |
| 3* | .07 | .04 | .03 | .02 | .02 | .01 | .01 | .02 | .03 | .01 | .00 | .00 | .00 | .01 | | | .01 | .01 | .02 | .02 | .02 | .02 | .02 | .02 | .018 | 22 | .08 |
| 4 | .03 | .02 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .00 | .00 | .00 | .01 | | .00 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .00 | .008 | 23 | .03 |
| 5 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .01 | .05 | | .02 | .01 | .01 | .02 | | | .02 | .01 | .00 | .02 | .05 | .03 | .07 | .05 | .017 | 21 | .08 |
| 6 | .01 | .03 | .10 | .30 | .39 | .49 | .43 | .33 | .08 | .03 | .03 | .01 | .01 | .02 | | | .04 | .05 | .05 | .05 | .07 | .07 | .08 | .06 | .132 | 22 | .69 |
| 7 | .05 | .03 | .01 | .01 | .02 | .09 | .14 | .12 | .06 | .03 | | | | .03 | | | .08 | .06 | .09 | .09 | .10 | .12 | .11 | .05 | .068 | 19 | .20 |
| 8 | .02 | .03 | .09 | .15 | .18 | .24 | .46 | .52 | .33 | .17 | .04 | .01 | .01 | .02 | | | .02 | .04 | .03 | .04 | .05 | .03 | .04 | .05 | .113 | 22 | .59 |
| 9* | .02 | .04 | .05 | .05 | .03 | .05 | .06 | .05 | .05 | .05 | .07 | .08 | .07 | .07 | | | .09 | .08 | .07 | .06 | .06 | .06 | .09 | .10 | .061 | 22 | .12 |
| 10* | .09 | .07 | .04 | .02 | .01 | .02 | .03 | .04 | .04 | .03 | .04 | .05 | .05 | .04 | | | .07 | .08 | .10 | .11 | .14 | .12 | .09 | .03 | .058 | 22 | .16 |
| 11 | .01 | .01 | .00 | .00 | .00 | .03 | .07 | .09 | .09 | .07 | .04 | .06 | .04 | .05 | | | .09 | .10 | .09 | .12 | .19 | .14 | .03 | .02 | .061 | 22 | .22 |
| 12 | .01 | .00 | .04 | .09 | .07 | .09 | .16 | .24 | .17 | | | | | | | | .07 | .06 | .07 | .06 | .04 | .03 | .06 | .05 | .078 | 17 | .28 |
| 13 | .02 | .02 | .01 | .02 | .02 | .04 | .10 | .11 | | | | | | | | .03 | .06 | .05 | .04 | .06 | .06 | .06 | .06 | .06 | .046 | 17 | .12 |
| 14 | .05 | .04 | .03 | .02 | .02 | .05 | .09 | .10 | .08 | .06 | .07 | .07 | .04 | .04 | | | .12 | .14 | .15 | .13 | .06 | .03 | .05 | .03 | .068 | 22 | .16 |
| 15 | .03 | .02 | .02 | .02 | .02 | .03 | .06 | .08 | .09 | .07 | | | .01 | .01 | | | .05 | .05 | .05 | .04 | .05 | .05 | .06 | .08 | .043 | 20 | .10 |
| 16* | .07 | .07 | .06 | .05 | .04 | .04 | .04 | .04 | .06 | .04 | .03 | .02 | .02 | .02 | | | .05 | .07 | .06 | .05 | .05 | .06 | .06 | .08 | .049 | 22 | .09 |
| 17* | .08 | .07 | .06 | .04 | .03 | .01 | .01 | .01 | .01 | .01 | .01 | .00 | .00 | .00 | | .02 | .02 | .01 | .02 | .03 | .04 | .05 | .06 | .06 | .028 | 23 | .08 |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | .10 | .09 | .07 | .05 | .05 | | | .10 | .10 | .09 | .06 | .07 | .06 | .06 | .06 | .074 | 13 | .11 |
| 20 | .07 | .06 | .05 | .05 | .04 | .05 | .07 | .09 | .11 | .11 | .09 | .06 | .04 | .03 | | | .04 | .03 | .04 | .04 | .03 | .04 | .04 | .04 | .055 | 22 | .12 |
| 21 | .02 | .02 | .02 | .01 | .01 | .02 | .06 | .07 | .07 | | | | .05 | .05 | | | .10 | .10 | .12 | .10 | .08 | .07 | .09 | .08 | .059 | 19 | .13 |
| 22 | .05 | .03 | .01 | .01 | .00 | .02 | .06 | .08 | .09 | .08 | .05 | .05 | .07 | .06 | | | .07 | .08 | .07 | .07 | .07 | .07 | .07 | .07 | .055 | 22 | .09 |
| 23* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | | | | | | .05 | .10 | .13 | .14 | .09 | .11 | .13 | .11 | .11 | | .07 | .12 | .11 | .08 | .07 | .07 | .07 | .06 | .04 | .091 | 18 | .16 |
| 28 | .02 | | | | | .01 | .05 | .08 | .09 | .09 | .08 | .08 | | | | | .13 | .13 | .13 | .13 | .13 | .11 | .12 | .10 | .092 | 16 | .15 |
| 29 | .06 | .03 | .01 | .00 | .01 | .04 | .12 | .20 | .21 | .10 | .15 | .10 | .07 | .08 | | | .07 | .08 | .06 | .09 | .12 | .14 | .13 | .13 | .094 | 22 | .22 |
| 30* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MEAN | .04 | .03 | .03 | .05 | .05 | .09 | .12 | .12 | .09 | .06 | .05 | .05 | .04 | .04 | | | .06 | .06 | .06 | .07 | .07 | .07 | .07 | .06 | .063 | | |
| NO. | 22 | 21 | 21 | 21 | 21 | 23 | 23 | 23 | 22 | 20 | 19 | 19 | 20 | 21 | | 4 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | | 492 | |
| MAX | .11 | .08 | .10 | .30 | .39 | .49 | .43 | .52 | .33 | .17 | .15 | .13 | .11 | .11 | | .07 | .13 | .14 | .15 | .13 | .19 | .14 | .22 | .15 | .132 | | .69 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

## Table 3-18. OCTOBER, HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)
### Colorimetric Analysis

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO. OF HRS | 5-MIN MAX. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | .04 | .05 | .05 | .06 | .07 | .09 | .13 | .14 | .13 | .11 | .10 | .10 | .10 | | | .00 | .02 | .03 | .06 | .06 | .08 | .08 | .08 | .05 | .072 | 22 | .15 |
| 4 | .04 | .05 | .05 | .05 | .07 | .10 | .14 | .15 | .15 | .13 | .11 | .09 | | | | .00 | .02 | .03 | .04 | .06 | .07 | .05 | .05 | .05 | .071 | 21 | .16 |
| 5 | .04 | .03 | .02 | .01 | .01 | .03 | .08 | .09 | .06 | | | | .03 | .04 | | | .07 | .05 | .05 | .05 | .06 | .05 | .05 | .03 | .044 | 19 | .10 |
| 6 | .02 | .01 | .00 | .00 | .00 | .04 | .11 | .12 | .09 | .07 | | | | .03 | | | .09 | .10 | .10 | .08 | .07 | .05 | .05 | .04 | .056 | 19 | .12 |
| 7* | .02 | .00 | .01 | .00 | .00 | .01 | .02 | .02 | .03 | .05 | .04 | .04 | .03 | .03 | | | .04 | .04 | .05 | .04 | .02 | .02 | .03 | .02 | .024 | 22 | .05 |
| 8* | .01 | .01 | .01 | .01 | .00 | .01 | .01 | .02 | .02 | .02 | .02 | .03 | .03 | .04 | | | .04 | .03 | .03 | .02 | .03 | .03 | .02 | .02 | .020 | 22 | .04 |
| 9 | .01 | .00 | .00 | .00 | .01 | .03 | .06 | .09 | .09 | .06 | .06 | .05 | .05 | .05 | | | .07 | .07 | .06 | .06 | .05 | .05 | .05 | .04 | .045 | 22 | .10 |
| 10 | .03 | .02 | .02 | .01 | .01 | .05 | .08 | .12 | .11 | .07 | .07 | .05 | .04 | .09 | | | .10 | .09 | .06 | .06 | .06 | .07 | .07 | .06 | .061 | 22 | .13 |
| 11 | .02 | .01 | .01 | .00 | .01 | .05 | .10 | .12 | .10 | .07 | .06 | .06 | .06 | .06 | | | .07 | .07 | .07 | .07 | .07 | .07 | .12 | .13 | .064 | 22 | .14 |
| 12 | .11 | .09 | .08 | .08 | .07 | .11 | .20 | .22 | .14 | .07 | .03 | .02 | .01 | .01 | | | .04 | .06 | .06 | .05 | .04 | .04 | .05 | .05 | .073 | 22 | .25 |
| 13 | .02 | .00 | .00 | .00 | .01 | .03 | .06 | .07 | .10 | | | | .08 | .07 | | | .07 | .09 | .07 | .08 | .09 | .12 | .15 | .15 | .066 | 19 | .16 |
| 14* | .13 | .12 | .08 | .07 | .08 | .09 | .12 | .13 | .17 | .11 | .07 | .07 | .05 | .04 | | | .09 | .09 | .09 | .08 | .06 | .05 | .04 | .05 | .086 | 22 | .20 |
| 15* | .04 | .06 | .02 | .01 | .02 | .02 | .02 | .01 | .01 | .02 | .03 | .04 | .07 | .10 | | | .18 | .13 | .17 | .18 | .11 | .12 | .10 | .08 | .069 | 22 | .21 |
| 16 | .03 | .01 | .01 | .00 | .01 | .04 | .08 | .09 | .13 | .09 | .07 | .06 | .08 | .06 | | | .08 | .08 | .07 | .08 | .09 | .10 | .07 | .05 | .062 | 22 | .15 |
| 17 | .03 | .02 | .00 | .01 | .00 | .04 | .11 | .14 | .11 | .06 | .05 | .04 | .04 | .04 | | | .10 | .11 | .07 | .08 | .10 | .09 | .07 | .07 | .061 | 22 | .16 |
| 18 | .03 | .02 | .00 | .00 | .01 | .04 | .10 | .11 | .10 | .08 | .08 | .08 | .07 | .09 | | | .12 | .11 | .09 | .07 | .07 | .08 | .07 | .05 | .065 | 22 | .13 |
| 19 | .07 | .03 | .01 | .01 | .02 | .08 | .16 | .17 | .14 | .10 | .08 | .06 | .05 | .04 | | | .08 | .10 | .08 | .12 | .20 | .23 | .19 | .16 | .098 | 22 | .25 |
| 20 | .10 | .05 | .02 | .02 | .01 | .04 | .06 | .11 | .09 | .07 | .05 | | | | | .04 | .06 | .06 | .07 | .06 | .07 | .06 | .06 | .05 | .056 | 20 | .12 |
| 21* | .04 | .03 | .02 | .02 | .02 | .05 | .08 | .07 | .08 | .05 | .03 | .03 | .03 | .02 | | | .07 | .07 | .08 | .08 | .09 | .23 | .31 | .32 | .082 | 22 | .35 |
| 22* | | .13 | .08 | .05 | .04 | .06 | .05 | .04 | .06 | .04 | .02 | .01 | .01 | .01 | | .02 | .03 | .04 | .05 | .05 | .05 | .05 | .04 | .03 | .043 | 22 | .20 |
| 23 | .01 | .01 | .01 | .01 | .03 | .06 | .10 | .10 | .07 | .05 | .04 | .02 | | | | | .04 | .05 | .04 | .02 | .04 | .02 | .03 | .01 | .037 | 20 | .11 |
| 24 | .00 | .00 | .00 | .00 | .01 | .02 | .05 | .07 | .06 | .04 | .03 | .02 | .01 | .01 | | .02 | .05 | .04 | .03 | .02 | .02 | .02 | .03 | .02 | .024 | 23 | .07 |
| 25 | .01 | .00 | .00 | .00 | .00 | .03 | .06 | .09 | .07 | .07 | .07 | .06 | .05 | .06 | | | .08 | .07 | .04 | .03 | .04 | .04 | .05 | .04 | .043 | 22 | .10 |
| 26 | .02 | .01 | .01 | .02 | .03 | .06 | .09 | .13 | .14 | .09 | .06 | .05 | .04 | .04 | | | .10 | .11 | .08 | .10 | .12 | .16 | .15 | .12 | .076 | 22 | .19 |
| 27 | .06 | .03 | .01 | .01 | .02 | .09 | .14 | .17 | .17 | .12 | | | | | | | .10 | .09 | .08 | .06 | .07 | .08 | .10 | .09 | .083 | 18 | .18 |
| 28* | .07 | .06 | .04 | .05 | .04 | .07 | .10 | .11 | .15 | .11 | .06 | .06 | .06 | .07 | | | .07 | .07 | .11 | .12 | .09 | .06 | .07 | .07 | .077 | 22 | .17 |
| 29* | .07 | .04 | .04 | .02 | .02 | .02 | .03 | .02 | .02 | .02 | .03 | .02 | .02 | .03 | | | .05 | .07 | .05 | .03 | .02 | .01 | .01 | .01 | .029 | 22 | .08 |
| 30 | .00 | .00 | .00 | .01 | .02 | .01 | .03 | .09 | .11 | .11 | .08 | .05 | .05 | .05 | | | .12 | .14 | .19 | .23 | .22 | .22 | .15 | .08 | .088 | 22 | .27 |
| 31 | .06 | .03 | .02 | .01 | .01 | .01 | .08 | .15 | .18 | .14 | .11 | .10 | .11 | .10 | | | .10 | .13 | .11 | .11 | .11 | .12 | .12 | .10 | .091 | 22 | .20 |
| MEAN | .04 | .03 | .02 | .02 | .02 | .05 | .08 | .10 | .10 | .07 | .06 | .05 | .05 | .05 | | | .07 | .08 | .07 | .07 | .08 | .08 | .08 | .07 | .061 | | |
| NO | 28 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 27 | 25 | 24 | 24 | 24 | | 5 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | | 621 | |
| MAX | .13 | .13 | .08 | .08 | .08 | .11 | .20 | .22 | .18 | .14 | .11 | .10 | .11 | .10 | | .04 | .18 | .14 | .19 | .23 | .22 | .23 | .31 | .32 | .098 | | .35 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

## Table 3-19. NOVEMBER, HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)
### Colorimetric Analysis

| DAY OF MONTH | AM 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | PM 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO OF HRS | 5-MIN MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .08 | .05 | .03 | .01 | .01 | .02 | .09 | .15 | .16 | .15 | .16 | .14 | .07 | .05 | | | .08 | .11 | .07 | .06 | .03 | .04 | .06 | .05 | .076 | 22 | .23 |
| 2 | .04 | .02 | .01 | .01 | .00 | .01 | .05 | .06 | .09 | .15 | .10 | .09 | .12 | .12 | | | .13 | .09 | .08 | .06 | .06 | .05 | .03 | .03 | .063 | 22 | .18 |
| 3 | .02 | .02 | .00 | .00 | .00 | .02 | .07 | .17 | .19 | .18 | | | | | | | | .15 | .14 | .12 | .11 | .09 | .09 | .07 | .085 | 17 | .21 |
| 4* | .06 | .03 | | | | | | .01 | .02 | .03 | .03 | .03 | .03 | .03 | | | .04 | .04 | .05 | .04 | .03 | .05 | .06 | .07 | .038 | 17 | .08 |
| 5* | .05 | .02 | | | | | | .01 | .01 | .01 | .00 | .01 | .02 | .02 | | | .04 | .06 | .06 | .04 | .03 | .02 | .03 | .03 | .026 | 17 | .07 |
| 6 | .02 | .02 | .02 | .01 | .01 | .02 | .06 | .11 | .17 | .12 | .11 | .06 | .04 | .04 | | | .09 | .12 | .10 | .12 | .14 | .12 | .11 | .10 | .078 | 22 | .19 |
| 7 | .09 | .06 | .04 | .02 | .02 | .07 | .08 | .17 | .26 | .20 | .13 | .08 | .09 | .09 | | | .15 | .17 | .14 | .13 | .13 | .11 | .14 | .21 | .117 | 22 | .29 |
| 8 | .22 | .25 | .21 | .15 | .10 | .09 | .14 | .17 | .16 | .11 | .05 | .04 | .02 | .02 | | | .05 | .07 | .08 | .09 | .06 | .03 | .06 | .06 | .101 | 22 | .26 |
| 9 | .07 | .05 | .03 | .02 | .02 | .03 | .08 | .14 | .18 | .14 | .09 | | | | | | .18 | .21 | .17 | .18 | .18 | .14 | .18 | .21 | .121 | 19 | .25 |
| 10 | .20 | .14 | .14 | .09 | .08 | .06 | .10 | .22 | .31 | .21 | .13 | .13 | .10 | .07 | | | .11 | .09 | .08 | .06 | .05 | .04 | .04 | .06 | .114 | 22 | .36 |
| 11* | .06 | .04 | .03 | .03 | .03 | .02 | .03 | .06 | .10 | .10 | .10 | .08 | .06 | .06 | | | .08 | .08 | .08 | .11 | .07 | .06 | .04 | .04 | .061 | 22 | .12 |
| 12* | .05 | .04 | .03 | .02 | .01 | .01 | .00 | .01 | .02 | .02 | .03 | .04 | .06 | .06 | | | .13 | .16 | .15 | .15 | .12 | .12 | .12 | .12 | .065 | 22 | .17 |
| 13 | .11 | .05 | .03 | .02 | .01 | .03 | .09 | .20 | .24 | .21 | .13 | | | .03 | | | .13 | .09 | .08 | .08 | .10 | .10 | .07 | .06 | .092 | 20 | .25 |
| 14 | .04 | .02 | .02 | .03 | .02 | .03 | .06 | .11 | .16 | .15 | .14 | .06 | .06 | .08 | | | .18 | .19 | .20 | .17 | .12 | .12 | .13 | .10 | .099 | 22 | .21 |
| 15 | .08 | .05 | .06 | .06 | .06 | .07 | .16 | .29 | .45 | .37 | .32 | .18 | .13 | .11 | | | .18 | .17 | .11 | .05 | .11 | .16 | .15 | .09 | .154 | 22 | .47 |
| 16 | .07 | .05 | .02 | .01 | .01 | .01 | .05 | .10 | .17 | .19 | .16 | .14 | | .07 | | | .11 | .14 | .13 | .13 | .10 | .10 | .08 | .09 | .091 | 21 | .21 |
| 17 | .11 | .12 | .07 | .09 | .08 | .08 | .13 | .16 | .10 | .08 | | | | | | | .07 | .06 | .04 | .05 | .05 | .08 | .08 | .06 | .083 | 18 | .16 |
| 18* | .03 | .01 | .00 | .00 | .00 | .00 | .00 | .02 | .04 | .05 | .06 | .06 | .06 | | | | | | | | .06 | | | | .029 | 14 | .07 |
| 19* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | .04 | .04 | .03 | .03 | .01 | .01 | .04 | .10 | .13 | .12 | .10 | .09 | .09 | .13 | | | .16 | .12 | .10 | .06 | .05 | .04 | .02 | .01 | .068 | 22 | .19 |
| 22 | .00 | | | | | | .04 | .07 | .11 | .08 | .08 | .09 | .06 | .07 | | | .11 | | .06 | .07 | .07 | .07 | .05 | .05 | .067 | 16 | .12 |
| 23 | .03 | .01 | | | | | .15 | .05 | .00 | .00 | .01 | .02 | .02 | .03 | | | .05 | .05 | .06 | .06 | .07 | .07 | .09 | .09 | .048 | 18 | .25 |
| 24 | .08 | .08 | | | | | .12 | | | | | | .07 | .07 | | | .09 | .09 | .10 | .10 | .08 | .06 | .07 | .07 | .081 | 13 | .15 |
| 25* | .08 | .06 | .06 | .04 | .03 | .01 | .02 | .06 | .05 | .05 | .06 | .05 | .05 | .07 | | | .08 | .06 | .03 | .02 | .02 | .03 | .03 | .03 | .044 | 22 | .10 |
| 26* | .03 | .03 | .02 | .01 | .04 | .04 | .04 | .04 | .05 | .04 | .04 | .06 | .04 | .03 | | | .05 | .06 | .06 | .04 | .02 | .02 | .02 | .02 | .036 | 22 | .08 |
| 27 | .01 | | | | | .01 | .03 | .08 | .06 | .05 | .02 | .02 | | | | | .07 | .09 | .08 | .08 | .05 | .05 | .04 | .04 | .048 | 16 | .10 |
| 28 | .05 | .04 | .02 | .01 | .01 | .02 | .04 | .13 | .13 | .09 | .06 | .07 | .05 | .06 | | | .09 | .10 | .10 | .10 | .08 | .11 | .14 | .12 | .074 | 22 | .17 |
| 29 | .12 | .07 | .05 | .06 | .06 | .04 | .07 | .09 | .21 | .19 | .16 | .13 | .14 | .14 | | | .12 | .12 | .09 | .08 | .05 | .08 | .09 | .08 | .101 | 22 | .26 |
| 30 | .05 | .03 | .02 | .01 | .01 | .01 | .07 | .16 | .22 | .17 | .13 | .12 | .09 | .08 | | .07 | .12 | .15 | .18 | .13 | .10 | .09 | .09 | .09 | .094 | 23 | .24 |
| MEAN | .07 | .05 | .04 | .03 | .03 | .03 | .07 | .11 | .14 | .12 | .10 | .08 | .07 | .07 | | | .10 | .11 | .10 | .09 | .08 | .08 | .08 | .07 | .079 | | |
| NO | 28 | 26 | 22 | 22 | 22 | 23 | 26 | 27 | 27 | 27 | 25 | 23 | 22 | 23 | | 1 | 26 | 26 | 27 | 27 | 28 | 27 | 27 | 27 | | 559 | |
| MAX | .22 | .25 | .21 | .15 | .10 | .09 | .16 | .29 | .45 | .37 | .32 | .18 | .14 | .14 | | .07 | .18 | .21 | .20 | .18 | .18 | .16 | .18 | .21 | .154 | | .47 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

**Table 3-20. DECEMBER, HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)**
**Colorimetric Analysis**

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO. OF HRS. | 5-MIN. MAX. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .08 | .05 | .04 | .03 | .02 | .03 | .05 | .08 | .10 | .11 | .09 | | | | | | .10 | .07 | .08 | .07 | .06 | .05 | .05 | .05 | .063 | 19 | .15 |
| 2* | .05 | .04 | .04 | .03 | .04 | .04 | .04 | .05 | .07 | .13 | .12 | .12 | .11 | .15 | | | .12 | .11 | .09 | .06 | .06 | .06 | .07 | .10 | .076 | 22 | .16 |
| 3* | .10 | .09 | .06 | .06 | .04 | .03 | .03 | .05 | .07 | .06 | .04 | .05 | .03 | .05 | | | .07 | .09 | .11 | .09 | .07 | .07 | .06 | .05 | .061 | 22 | .12 |
| 4 | .05 | .04 | .03 | .03 | .03 | .04 | .08 | .12 | .13 | .13 | | | | | | | .08 | .10 | .08 | .06 | .04 | .03 | .02 | .01 | .060 | 18 | .15 |
| 5 | .01 | .01 | .01 | .01 | .00 | .02 | .06 | .14 | .17 | .15 | .13 | .13 | .11 | .11 | | | .08 | .11 | .07 | .06 | .06 | .05 | .05 | .05 | .071 | 22 | .19 |
| 6 | .05 | | | | | | .07 | .11 | .12 | .12 | .13 | .10 | .10 | .11 | | | .28 | .28 | .30 | .25 | .11 | .12 | .11 | .12 | .146 | 17 | .35 |
| 7 | .17 | .10 | .06 | .04 | .04 | .03 | .07 | .08 | .08 | .07 | | | .06 | .07 | | | .10 | .11 | .13 | .10 | .10 | .11 | .09 | .07 | .083 | 20 | .21 |
| 8 | .05 | .04 | .03 | .04 | .05 | .06 | .11 | .22 | .25 | .19 | .14 | | | | | | .20 | .17 | .17 | .15 | .14 | .16 | .16 | .13 | .128 | 19 | .27 |
| 9* | .18 | .10 | .08 | .06 | .04 | .04 | .06 | .13 | .17 | .20 | .21 | .23 | .23 | .21 | | | .23 | .24 | .22 | .19 | .16 | .14 | .13 | .17 | .155 | 22 | .26 |
| 10* | .19 | .20 | .12 | .07 | .04 | .02 | .02 | .04 | .05 | .06 | .07 | .10 | .13 | .13 | | | .25 | .28 | .22 | .18 | .19 | .14 | .11 | .12 | .123 | 22 | .30 |
| 11 | .12 | .08 | .07 | .07 | .06 | .04 | .11 | .14 | .20 | .17 | .14 | | | | | | .13 | .14 | .13 | .11 | .11 | .15 | .12 | .11 | .116 | 19 | .22 |
| 12 | .08 | .05 | .03 | .02 | .02 | .02 | .06 | .09 | .09 | .09 | .08 | .08 | .08 | .07 | | | .09 | .12 | .10 | .08 | .09 | .09 | .08 | .07 | .071 | 22 | .13 |
| 13 | .06 | .04 | .02 | .02 | .02 | .03 | .06 | .09 | .11 | .09 | .06 | .07 | .06 | .05 | | | .13 | .13 | .11 | .12 | .11 | .11 | .14 | .13 | .080 | 22 | .16 |
| 14 | .11 | .07 | .04 | .04 | .05 | .06 | .15 | .23 | .25 | | | | | .09 | | | .18 | .20 | .17 | .16 | .17 | .18 | .17 | .14 | .136 | 18 | .27 |
| 15 | .10 | .07 | .05 | .05 | .04 | .04 | .07 | .14 | .17 | .13 | .09 | .07 | | | | | .11 | .12 | .12 | .14 | .13 | .09 | .10 | .13 | .098 | 20 | .19 |
| 16* | .10 | .08 | .05 | .04 | .06 | .05 | .08 | .12 | .14 | .15 | .14 | .14 | .10 | .08 | .08 | .11 | .08 | | .13 | .13 | .18 | .15 | .12 | .12 | .106 | 23 | .19 |
| 17* | .12 | .11 | .10 | .06 | .04 | .03 | .04 | .05 | .04 | .04 | .04 | .04 | .07 | .08 | .08 | .10 | .09 | | .08 | .08 | .07 | .08 | .08 | .06 | .067 | 23 | .13 |
| 18 | .06 | .05 | .03 | .03 | .03 | .03 | .06 | .10 | .15 | .14 | .07 | .09 | .13 | .12 | | | .08 | .10 | .09 | .10 | .09 | .11 | .08 | .06 | .082 | 22 | .19 |
| 19 | .05 | .03 | .01 | .02 | .04 | .07 | .20 | .20 | .18 | .13 | .10 | .08 | .06 | .07 | | | | .18 | .19 | .16 | .11 | .18 | .18 | .21 | .116 | 21 | .26 |
| 20 | .15 | .07 | .03 | .02 | .01 | .06 | .13 | .10 | .24 | .21 | | | | .04 | | | .07 | .11 | .08 | .06 | .05 | .06 | .05 | .04 | .083 | 19 | .27 |
| 21 | .04 | .09 | .10 | .03 | .01 | .01 | .05 | .10 | .16 | .15 | .13 | .13 | .13 | .10 | | | .08 | .09 | .06 | .05 | .05 | .05 | .05 | .04 | .076 | 22 | .17 |
| 22 | .03 | .02 | .01 | .01 | .01 | .01 | .04 | .07 | .09 | .08 | .07 | .05 | .05 | .05 | | | .06 | .04 | .03 | .03 | .04 | .06 | .06 | .07 | .044 | 22 | .10 |
| 23* | .07 | .05 | .04 | .02 | .01 | .01 | .02 | .04 | .06 | .08 | .08 | .07 | .07 | .08 | | | .09 | .11 | .11 | .11 | .09 | .11 | .12 | .11 | .069 | 22 | .14 |
| 24* | .09 | .09 | .11 | .08 | .05 | .06 | .07 | .08 | .11 | .11 | .09 | .05 | .06 | .06 | | | .11 | .10 | .09 | .09 | .08 | .08 | .08 | .06 | .081 | 22 | .12 |
| 25 | .05 | .05 | .07 | .06 | .05 | .04 | .05 | .06 | .06 | .07 | .07 | .07 | .08 | .08 | | | .08 | .08 | .07 | .07 | .06 | .06 | .07 | .07 | .064 | 22 | .09 |
| 26 | .06 | .05 | .04 | .03 | .02 | .03 | .04 | .09 | .09 | .08 | .06 | .06 | .08 | .08 | | | .14 | .17 | .15 | .14 | .15 | .18 | .21 | .23 | .099 | 22 | .27 |
| 27 | .20 | .16 | .14 | .14 | .12 | .08 | .22 | .34 | .34 | .24 | .18 | .13 | .14 | .12 | | | .20 | .18 | .16 | .13 | .12 | .08 | .09 | .10 | .164 | 22 | .37 |
| 28 | .09 | .09 | .09 | .09 | .10 | .06 | .11 | .13 | .13 | .10 | .06 | | | .02 | | | .26 | .19 | .16 | .18 | .17 | .17 | .15 | .16 | .124 | 20 | .30 |
| 29 | .18 | .10 | .08 | .05 | .05 | .06 | .11 | .18 | .34 | .23 | | | .10 | .14 | | | .16 | .15 | .15 | .12 | .09 | .09 | .09 | .10 | .128 | 20 | .37 |
| 30* | .10 | .09 | .10 | .07 | .07 | .07 | .06 | .07 | .09 | .11 | .11 | .12 | .10 | .12 | | | .15 | .13 | .12 | .13 | .10 | .09 | .11 | .09 | .099 | 22 | .17 |
| 31* | .11 | .13 | .09 | .07 | .05 | .04 | .04 | .06 | .06 | .05 | .05 | | .05 | .05 | | | .06 | .06 | .07 | .08 | .09 | .09 | .09 | .09 | .070 | 21 | .14 |
| MEAN | .09 | .07 | .06 | .05 | .04 | .04 | .08 | .11 | .14 | .12 | .10 | .09 | .09 | .09 | | | .13 | .13 | .12 | .11 | .10 | .10 | .10 | .10 | .094 | | |
| NO | 31 | 30 | 30 | 30 | 30 | 30 | 31 | 31 | 31 | 30 | 26 | 21 | 23 | 26 | 2 | 2 | 30 | 29 | 31 | 31 | 31 | 31 | 31 | 31 | | 649 | |
| MAX | .20 | .20 | .14 | .14 | .12 | .08 | .22 | .34 | .34 | .24 | .21 | .23 | .23 | .21 | .08 | .11 | .28 | .28 | .30 | .25 | .19 | .18 | .21 | .23 | .164 | | .37 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

## Table 3-21. JANUARY, HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)
### Colorimetric Analysis

| DAY OF MONTH | AM 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | PM 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO OF HRS | 5-MIN MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1* | .04 | .04 | .05 | .05 | .04 | .04 | .04 | .05 | .04 | .04 | .05 | .05 | .06 | .06 | | | .05 | .06 | .05 | .05 | .05 | .04 | .04 | .04 | .047 | 23 | .07 |
| 2 | .05 | .04 | .04 | .04 | .05 | .05 | .05 | .05 | .04 | .04 | .05 | .05 | .05 | .05 | | .04 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .047 | 23 | .05 |
| 3 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .05 | .05 | .05 | .05 | .05 | | | .05 | .05 | .05 | .05 | .04 | .05 | .04 | .05 | .045 | 22 | .06 |
| 4 | .05 | .04 | .04 | .05 | .05 | .05 | .05 | .06 | .06 | .05 | .05 | .05 | .05 | .05 | | | .04 | .04 | .03 | .03 | .03 | .03 | .02 | .02 | .042 | 22 | .06 |
| 5 | .02 | .02 | .02 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .00 | | | .03 | .06 | .05 | .07 | | | | | .020 | 18 | .07 |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | .05 | .05 | .05 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .05 | .05 | .04 | .05 | | | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .046 | 22 | .06 |
| 11 | .05 | .04 | .04 | .04 | .04 | .05 | .05 | .05 | .05 | .06 | .05 | .05 | .05 | .05 | | | .05 | .05 | .05 | .05 | .04 | .04 | .04 | .04 | .046 | 22 | .06 |
| 12 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .05 | .05 | .05 | .05 | .06 | | | .06 | .06 | .05 | .05 | .05 | .05 | .05 | .05 | .046 | 22 | .07 |
| 13 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .06 | .06 | .06 | .08 | .08 | | | .07 | .07 | .06 | .06 | .06 | .06 | .06 | .05 | .058 | 22 | .09 |
| 14* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | .02 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .03 | .04 | .05 | .05 | .03 | | | | .03 | .04 | .03 | .03 | .03 | .03 | .03 | .025 | 21 | .05 |
| 19 | .03 | .03 | .03 | .02 | .03 | .03 | .03 | .03 | .03 | .04 | .03 | .04 | .04 | .04 | | .03 | .04 | .04 | .04 | .04 | .04 | .04 | .03 | .03 | .033 | 23 | .04 |
| 20 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .03 | | .05 | .06 | .05 | .05 | .04 | .04 | .04 | .04 | .04 | .037 | 23 | .07 |
| 21* | .05 | .05 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .05 | .05 | .05 | .05 | .06 | | .04 | .06 | .07 | .07 | .07 | .07 | .07 | .06 | .05 | .052 | 23 | .08 |
| 22* | .04 | .04 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .04 | .04 | .04 | .04 | .05 | | .03 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .06 | .039 | 23 | .09 |
| 23 | .04 | .04 | .04 | .03 | .04 | .04 | .04 | .04 | .05 | .05 | | | | | | | .04 | .05 | .05 | .04 | .04 | .04 | .04 | .03 | .040 | 18 | .05 |
| 24 | .03 | .03 | .03 | .03 | .04 | .04 | .04 | .04 | .04 | .03 | .04 | .04 | .04 | .04 | | | .04 | .04 | .03 | .03 | .03 | .04 | .04 | .04 | .037 | 22 | .05 |
| 25 | .04 | .02 | .02 | .01 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .03 | | .03 | .03 | .03 | | | | | | | .022 | 17 | .04 |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MEAN | .04 | .04 | .03 | .03 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .05 | | | .05 | .05 | .05 | .05 | | | | | .041 | | |
| NO | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 16 | 16 | 16 | 16 | | 6 | 16 | 17 | 16 | 16 | 15 | 15 | 15 | 15 | | 365 | |
| MAX | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .06 | .06 | .06 | .06 | .06 | .08 | .08 | | .05 | .07 | .07 | .07 | .07 | .07 | .07 | .06 | .06 | .058 | | .09 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

## Table 3-22. FEBRUARY, HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)
### Colorimetric Analysis

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO. OF HRS. | 5-MIN. MAX. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .00 | | | | | | .05 | .05 | .04 | .04 | .04 | .04 | .04 | .04 | .029 | 19 | .06 |
| 2 | .04 | .04 | .04 | .04 | .03 | .03 | .04 | .04 | .04 | .04 | .05 | .05 | .05 | .05 | | | | .05 | .05 | .06 | .05 | .06 | .06 | .05 | .044 | 21 | .06 |
| 3 | .05 | .05 | .05 | .05 | .06 | .06 | .06 | .06 | .06 | .06 | .05 | .05 | .05 | .05 | | | | .05 | .04 | .04 | .04 | .03 | .03 | .04 | .048 | 21 | .07 |
| 4* | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .04 | .05 | .05 | .05 | | | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .042 | 22 | .06 |
| 5* | .05 | .05 | .05 | .05 | .05 | .05 | .04 | .04 | .03 | .03 | .03 | .04 | .04 | .03 | | | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .037 | 22 | .05 |
| 6 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .07 | .08 | .08 | .10 | .07 | | | | .05 | .05 | .05 | .05 | .05 | .04 | .04 | .047 | 21 | .17 |
| 7 | .04 | .04 | .03 | .03 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .03 | | | .05 | .04 | .05 | .07 | .08 | .08 | .07 | .07 | .046 | 22 | .08 |
| 8 | .07 | .06 | .06 | .06 | .06 | .06 | .06 | .06 | .06 | .06 | .06 | .06 | .04 | .05 | | .04 | .06 | .05 | .05 | .04 | .05 | .05 | .05 | .05 | .054 | 23 | .07 |
| 9 | .05 | .05 | .06 | .05 | .05 | .06 | .06 | .06 | .06 | | .05 | .05 | .05 | .05 | | | | | .06 | .06 | .06 | .06 | .06 | .05 | .054 | 19 | .07 |
| 10 | .05 | .05 | .04 | .04 | .04 | .04 | .04 | .04 | .05 | .05 | .05 | .04 | .04 | .03 | | | | .05 | .04 | .04 | .04 | .03 | .03 | .04 | .041 | 21 | .05 |
| 11* | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .04 | .04 | | | .04 | .05 | .05 | .04 | .04 | .04 | .05 | .04 | .037 | 22 | .05 |
| 12* | .04 | .04 | .04 | .04 | .05 | .05 | .05 | .05 | .04 | .05 | .05 | .05 | .05 | .05 | | | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .04 | .048 | 22 | .06 |
| 13 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .05 | .05 | .04 | .05 | .05 | | | .06 | .06 | .06 | .06 | .05 | .05 | .05 | .05 | .043 | 22 | .06 |
| 14 | .05 | .06 | .05 | .05 | .04 | .04 | .04 | .04 | .04 | .04 | | | | | | | .07 | .08 | .06 | .06 | .05 | .06 | .06 | .06 | .053 | 18 | .10 |
| 15 | .07 | .06 | .04 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .04 | .04 | .05 | .04 | | | .04 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .037 | 22 | .08 |
| 16 | .04 | .03 | .03 | .03 | .03 | .03 | .04 | .03 | .04 | .04 | .05 | .05 | .05 | .06 | | | .07 | .06 | .07 | .07 | .07 | .07 | .06 | .06 | .049 | 22 | .07 |
| 17 | .06 | .05 | .05 | .05 | .05 | .04 | .05 | .05 | .05 | .04 | .04 | .04 | .04 | .04 | | | .05 | .07 | .07 | .06 | .06 | .05 | .05 | .05 | .051 | 22 | .08 |
| 18* | .06 | | .05 | .04 | .05 | .05 | | .04 | .04 | .04 | .05 | .05 | .05 | .06 | | | .06 | .06 | .05 | .05 | .05 | .05 | .05 | .05 | .049 | 20 | .08 |
| 19* | .05 | .05 | .05 | .05 | .06 | .06 | .06 | .06 | .05 | .05 | .05 | .05 | .05 | .05 | | | .06 | .06 | .06 | .05 | .06 | .06 | .06 | .05 | .054 | 22 | .07 |
| 20 | .05 | | .03 | .03 | .04 | .05 | .05 | .06 | .05 | .07 | .06 | | | | | | .07 | .07 | .07 | .07 | .07 | .08 | .08 | .09 | .061 | 18 | .11 |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | .04 | .04 | .04 | .04 | .04 | .03 | .04 | .04 | .05 | .05 | .04 | .04 | .04 | .04 | | | .06 | .05 | .04 | .04 | .04 | .04 | .04 | .03 | .041 | 22 | .08 |
| 24 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .04 | .04 | .04 | | .04 | | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .036 | 22 | .06 |
| 25* | .04 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .04 | .04 | .04 | .04 | | | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .041 | 22 | .05 |
| 26* | .06 | .05 | .05 | .04 | .04 | .04 | .04 | .04 | .04 | .05 | .05 | .04 | .05 | .05 | | | .05 | .05 | .05 | .05 | .05 | .05 | .04 | .04 | .045 | 22 | .06 |
| 27 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .04 | .04 | | .03 | | | .06 | .06 | .07 | .06 | .05 | .05 | .05 | .05 | .042 | 21 | .07 |
| 28 | .05 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | | | .05 | .05 | .05 | .04 | .04 | .04 | .04 | .03 | .042 | 22 | .05 |
| MEAN | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .05 | .05 | .05 | | | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .045 | | |
| NO | 26 | 24 | 26 | 26 | 26 | 26 | 25 | 26 | 26 | 25 | 25 | 23 | 22 | 23 | | 2 | 20 | 25 | 26 | 26 | 26 | 26 | 26 | 26 | | 552 | |
| MAX | .07 | .06 | .06 | .06 | .06 | .06 | .06 | .06 | .06 | .07 | .08 | .08 | .10 | .07 | | .04 | .07 | .08 | .07 | .07 | .08 | .08 | .08 | .09 | .061 | | .17 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

## Table 3-23. MARCH, HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)
### Colorimetric Analysis

| DAY OF MONTH | AM 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | PM 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO OF HRS | 5-MIN MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .04 | .03 | .03 | .03 | .02 | .02 | .03 | .03 | .04 | .04 | .05 | .04 | .04 | .04 | | | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .040 | 22 | .05 |
| 2 | .05 | .05 | .05 | .05 | .05 | .06 | .06 | .07 | .07 | .08 | .10 | | | | | | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .06 | .057 | 19 | .11 |
| 3 | .06 | .05 | .05 | .05 | .04 | .04 | .04 | .04 | .05 | .05 | .05 | .05 | .05 | .06 | | | .06 | .06 | .06 | .05 | .05 | .05 | .05 | .04 | .050 | 22 | .06 |
| 4* | .05 | .04 | .04 | .04 | .04 | .03 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .05 | | | .05 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .040 | 22 | .05 |
| 5* | .04 | .04 | .04 | .03 | .03 | .03 | .03 | .02 | .02 | .03 | .03 | .03 | .03 | .03 | | | .04 | .04 | .04 | .04 | .05 | .05 | .04 | .04 | .035 | 22 | .05 |
| 6 | .04 | .04 | .04 | .04 | .04 | .04 | .05 | .05 | | | | | | | | | | .06 | .06 | .07 | .08 | .10 | .08 | .08 | .058 | 15 | .10 |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | .05 | .05 | .05 | .04 | .05 | .00 | .00 | .01 | .03 | .05 | .06 | .09 | .09 | .09 | | | .05 | .05 | .04 | .05 | .06 | .06 | .07 | .06 | .049 | 22 | .10 |
| 9 | .05 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .04 | .05 | .05 | .04 | .05 | .06 | | | | .07 | .07 | .07 | .07 | .07 | .06 | .07 | .050 | 21 | .08 |
| 10 | .07 | .07 | .06 | .05 | .06 | .06 | .07 | .07 | .08 | .08 | .08 | .08 | .08 | .08 | | .08 | .09 | .10 | .10 | .11 | .10 | .11 | .11 | .10 | .083 | 23 | .11 |
| 11* | .10 | .08 | .08 | .07 | .07 | .07 | .07 | .05 | .05 | .05 | .05 | .06 | .05 | .05 | | | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .059 | 22 | .10 |
| 12* | .06 | .06 | .05 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .05 | .05 | .05 | .06 | | | .06 | .07 | .07 | | | .05 | .05 | .05 | .050 | 20 | .07 |
| 13 | .04 | .04 | .04 | .03 | .03 | .04 | .04 | .04 | .06 | .05 | .05 | .05 | .05 | .05 | | | .05 | .06 | .05 | .05 | .05 | .05 | .05 | .05 | .046 | 22 | .06 |
| 14 | .05 | | .04 | .04 | .04 | .04 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | | | .05 | .06 | .06 | .06 | .06 | .06 | .07 | .07 | .052 | 21 | .07 |
| 15 | .06 | .05 | .04 | .03 | .04 | .04 | .05 | .05 | .06 | .06 | .06 | .06 | .06 | .06 | | | .07 | .07 | .06 | .06 | .07 | .07 | .06 | .06 | .055 | 22 | .07 |
| 16 | .06 | .06 | .06 | .05 | .05 | .06 | .06 | .06 | .07 | .06 | .06 | .06 | .06 | .06 | | | | | .07 | .07 | .07 | .07 | .07 | .05 | .061 | 20 | .08 |
| 17 | .05 | .05 | .05 | .04 | .04 | .04 | .04 | .05 | .05 | .06 | .06 | .06 | .06 | .06 | | | .06 | .06 | .06 | .06 | .06 | .06 | .06 | .06 | .054 | 22 | .07 |
| 18* | .06 | .06 | .05 | .05 | .06 | .06 | .06 | .06 | .07 | .06 | .05 | .06 | .07 | .08 | | | .07 | .07 | .08 | .07 | .08 | .07 | .07 | .07 | .064 | 22 | .08 |
| 19* | .07 | .07 | .07 | .06 | .06 | .06 | .06 | .05 | .06 | .06 | .06 | .07 | .07 | .08 | | | .08 | .08 | .08 | .08 | .07 | .07 | .07 | .07 | .068 | 22 | .09 |
| 20 | .07 | .07 | .07 | .06 | .05 | .06 | .06 | .07 | .08 | .07 | .07 | .07 | .08 | .07 | | | .07 | .07 | .07 | .07 | .09 | .09 | .09 | .08 | .072 | 22 | .10 |
| 21 | .08 | .05 | .05 | .04 | .05 | .05 | .06 | .07 | .06 | .07 | .07 | .08 | .08 | .06 | | | .09 | .10 | .10 | .08 | .08 | .07 | .07 | .08 | .070 | 22 | .11 |
| 22 | .08 | .07 | .06 | .06 | .07 | .06 | .07 | .08 | .10 | .10 | .10 | .09 | .09 | .09 | | | .09 | .09 | .09 | .07 | .07 | .09 | .09 | .08 | .080 | 22 | .11 |
| 23 | .08 | .08 | .06 | .06 | .06 | .07 | .08 | .08 | .07 | .08 | .07 | .07 | .07 | .07 | | | .07 | .08 | .08 | .07 | .06 | .06 | .07 | .07 | .071 | 22 | .09 |
| 24 | .07 | .06 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .06 | .06 | .05 | | | .06 | .07 | .06 | .06 | .05 | .05 | .05 | .05 | .055 | 22 | .08 |
| 25* | .06 | .05 | .05 | .05 | .05 | .05 | .06 | .06 | .07 | .10 | .09 | .10 | .10 | .11 | | | .11 | .11 | .09 | .08 | .09 | .09 | .11 | .10 | .081 | 22 | .12 |
| 26* | .08 | .08 | .08 | .07 | .06 | .06 | .06 | .06 | .06 | .07 | .07 | .08 | .07 | .07 | | | .08 | .08 | .06 | .06 | .06 | .06 | .05 | .05 | .067 | 22 | .09 |
| 27 | .04 | .03 | .03 | .03 | .04 | .04 | .05 | .05 | .05 | .07 | .07 | .06 | .06 | .06 | | | .07 | .07 | .06 | .06 | .07 | .07 | .07 | .07 | .054 | 22 | .08 |
| 28 | .07 | .06 | .05 | .05 | .05 | .05 | .06 | .06 | .06 | .06 | .06 | .07 | .08 | .08 | | | .08 | .08 | .08 | .08 | .07 | .07 | .07 | .07 | .066 | 22 | .09 |
| 29 | .07 | .07 | .06 | .06 | .06 | .05 | .05 | .05 | .06 | .06 | .07 | .07 | .07 | .08 | | | .09 | .10 | .08 | .07 | .07 | .07 | .06 | .06 | .066 | 22 | .11 |
| 30 | .07 | .05 | .05 | .05 | .06 | .06 | .07 | .08 | .09 | .09 | .08 | .09 | .09 | .09 | | | 08 | .09 | .09 | .08 | .08 | .07 | .07 | .06 | .074 | 22 | .10 |
| 31 | .06 | .05 | .04 | .04 | .04 | .04 | .05 | .06 | .06 | .06 | .06 | | | | | | .07 | .07 | .07 | .07 | .06 | .06 | .06 | .06 | .056 | 19 | .08 |
| MEAN | .06 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .06 | .06 | .06 | .06 | .07 | .07 | | | .07 | .07 | .07 | .07 | .07 | .07 | .06 | .06 | .060 | | |
| NO | 30 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 29 | 29 | 29 | 27 | 27 | 27 | | 1 | 27 | 29 | 30 | 29 | 29 | 30 | 30 | 30 | | 642 | |
| MAX | .10 | .08 | .08 | .07 | .07 | .07 | .08 | .08 | .10 | .10 | .10 | .10 | .10 | .11 | | .08 | .11 | .11 | .10 | .11 | .10 | .11 | .11 | .10 | .083 | | .12 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

## Table 3-24. APRIL, HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)
### Colorimetric Analysis

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO. OF HRS. | 5-MIN. MAX. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1* | .06 | .05 | .05 | .06 | .06 | .06 | .05 | .05 | .06 | .06 | .05 | .05 | .05 | .06 | | | .06 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .053 | 22 | .07 |
| 2* | .06 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .06 | | | .05 | .05 | .04 | .04 | .04 | .04 | .05 | .04 | .049 | 22 | .06 |
| 3 | .04 | .04 | .04 | .04 | .05 | .05 | .05 | .06 | .06 | .07 | .07 | .07 | .06 | .07 | | | .09 | .07 | .07 | .06 | .06 | .06 | .06 | .06 | .059 | 22 | .11 |
| 4 | .05 | .05 | .06 | .06 | .05 | .05 | .06 | .06 | .07 | .07 | .06 | .06 | .07 | .07 | | | .07 | .07 | .07 | .07 | .07 | .07 | .07 | .07 | .063 | 22 | .07 |
| 5 | .07 | .07 | .06 | .07 | .07 | .08 | .08 | .08 | .10 | .11 | .13 | .14 | .09 | .07 | | | .09 | .10 | .10 | .10 | .09 | .08 | .08 | .07 | .086 | 22 | .17 |
| 6 | .07 | .07 | .06 | .06 | .05 | .05 | .05 | .06 | .06 | .07 | .06 | .06 | .06 | .06 | | | | .06 | .05 | .05 | .05 | .05 | .05 | .04 | .057 | 21 | .07 |
| 7 | .04 | .04 | .04 | .03 | .03 | .03 | .04 | .05 | .05 | .06 | .06 | .06 | .06 | .06 | | | .06 | .06 | .06 | .06 | .06 | .06 | .06 | .08 | .052 | 22 | .08 |
| 8* | .08 | .07 | .06 | .07 | .07 | .07 | .08 | .07 | .11 | .08 | .07 | .08 | .08 | .08 | | | .08 | .08 | .08 | .07 | .07 | .07 | .07 | .07 | .075 | 22 | .12 |
| 9* | .07 | .07 | .07 | .07 | .07 | .06 | .06 | .07 | .08 | .08 | .08 | .08 | .08 | .08 | | | .08 | .08 | .07 | .08 | .07 | .07 | .07 | .07 | .073 | 22 | .09 |
| 10 | .06 | .06 | .05 | .05 | .05 | .05 | .05 | .05 | .06 | .06 | | | | .04 | | | .09 | .08 | .08 | .08 | .08 | .08 | .07 | .07 | .064 | 19 | .09 |
| 11 | .07 | .07 | .06 | .06 | .06 | .06 | .06 | .07 | .07 | .07 | .07 | .08 | .09 | .10 | | | .11 | .10 | .11 | .11 | .10 | .10 | .10 | .10 | .082 | 22 | .11 |
| 12 | .09 | .09 | .08 | .07 | .05 | .06 | .07 | .08 | .09 | .09 | .09 | .09 | .10 | .11 | | | .13 | .14 | .14 | .14 | .13 | .14 | .12 | .11 | .101 | 22 | .15 |
| 13 | .09 | .09 | .07 | .07 | .06 | .05 | .05 | .06 | .07 | .07 | .07 | .07 | .06 | .09 | | | .14 | .09 | .08 | .07 | .07 | .07 | .06 | .06 | .072 | 22 | .14 |
| 14 | .05 | .05 | .04 | .04 | .04 | .04 | .05 | .06 | .06 | .07 | .07 | .08 | .08 | .09 | | | .10 | .10 | .09 | .08 | .08 | .09 | .09 | .09 | .069 | 22 | .10 |
| 15* | .09 | .08 | .07 | .07 | .05 | .05 | .05 | .05 | .05 | .06 | .07 | .09 | .10 | .10 | | | .11 | .11 | .11 | .12 | .12 | .13 | .13 | .12 | .087 | 22 | .13 |
| 16* | .12 | .10 | .10 | .09 | .09 | .08 | .08 | .08 | .09 | .08 | .08 | .08 | .07 | .08 | | | .10 | .11 | .12 | .11 | .10 | .10 | .08 | .07 | .091 | 22 | .13 |
| 17 | .06 | .05 | .04 | .05 | .05 | .05 | .04 | .04 | .04 | .05 | .05 | .05 | | | | | .03 | .03 | .03 | .02 | .01 | .02 | .02 | .02 | .037 | 20 | .06 |
| 18 | .02 | .02 | .02 | .02 | .02 | .02 | .03 | .03 | .04 | .04 | .04 | .04 | .03 | .03 | | | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .017 | 22 | .04 |
| 19 | .00 | .00 | .00 | .00 | .00 | .00 | .01 | .01 | .02 | .02 | .02 | .03 | .03 | .03 | | | | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .025 | 21 | .06 |
| 20 | .05 | .05 | .04 | .04 | .04 | .04 | .04 | .05 | .06 | .06 | .06 | .06 | .07 | .07 | | | | .02 | .02 | .01 | .01 | .02 | .02 | .02 | .040 | 21 | .08 |
| 21 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .03 | .03 | .03 | .05 | .06 | .07 | .11 | | | | .06 | .05 | .06 | .06 | .06 | .07 | .05 | .043 | 21 | .12 |
| 22* | .05 | .03 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .03 | .03 | .03 | .03 | .03 | | | .04 | .05 | .05 | .05 | .06 | .06 | .07 | .07 | .037 | 22 | .08 |
| 23* | .08 | .07 | .08 | .08 | .08 | .09 | .09 | .10 | | .02 | .03 | .03 | .04 | .04 | | | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .055 | 21 | .10 |
| 24 | .04 | .04 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .04 | .05 | .05 | .05 | .04 | | | .06 | .06 | .05 | .05 | .04 | .05 | .06 | .05 | .044 | 22 | .06 |
| 25 | .06 | .07 | .06 | .06 | .06 | .06 | .06 | .06 | .05 | .05 | .05 | .05 | .07 | .07 | | | .07 | .07 | .07 | .07 | .07 | .06 | .06 | .05 | .060 | 22 | .08 |
| 26 | .05 | .04 | .04 | .03 | .04 | .04 | .05 | .05 | .06 | .06 | .06 | .06 | .06 | .07 | | | .07 | .08 | .07 | .07 | .06 | .07 | .07 | .06 | .057 | 22 | .08 |
| 27 | .07 | .06 | .06 | .06 | .07 | .07 | .09 | .07 | .07 | .07 | .07 | .08 | .09 | .08 | | | | | .10 | .08 | .08 | .08 | .08 | .08 | .075 | 20 | .11 |
| 28 | .07 | .06 | .06 | .07 | .09 | .09 | .07 | .07 | .09 | .09 | .09 | .10 | .09 | .11 | | | | .11 | .12 | .11 | .10 | .08 | .08 | .07 | .086 | 21 | .12 |
| 29* | .07 | .09 | .07 | .05 | .04 | .03 | .04 | .07 | .07 | .07 | .08 | .08 | .08 | .07 | | | .07 | .07 | .08 | .07 | .06 | .07 | .07 | .06 | .067 | 22 | .09 |
| 30* | .05 | .04 | .04 | .04 | .05 | .06 | .07 | .07 | .06 | .08 | .11 | .13 | .13 | .11 | | | .10 | .10 | .10 | .08 | .09 | .08 | .08 | .07 | .080 | 22 | .14 |
| MEAN | .06 | .06 | .05 | .05 | .05 | .05 | .05 | .06 | .06 | .06 | .06 | .07 | .07 | .07 | | | .08 | .07 | .07 | .07 | .07 | .07 | .07 | .06 | .062 | | |
| NO. | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 29 | 30 | 29 | 29 | 28 | 29 | | | 24 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | | 647 | |
| MAX | .12 | .10 | .10 | .09 | .09 | .09 | .09 | .10 | .11 | .11 | .13 | .14 | .13 | .11 | | | .14 | .14 | .14 | .14 | .13 | .14 | .13 | .12 | .101 | | .17 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

**Table 3-24. MAY. HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)**
**Colorimetric Analysis**

| DAY OF MONTH | AM 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | PM 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO OF HRS | 5-MIN MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .05 | | .05 | .06 | .08 | .09 | .10 | .11 | | | | | | | | | | .07 | .07 | .06 | .06 | .06 | .05 | .05 | .068 | 14 | .13 |
| 2 | .04 | .03 | .03 | .03 | .03 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | | | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .043 | 22 | .06 |
| 3 | .04 | .04 | .04 | .04 | .05 | .05 | .05 | .06 | .06 | .05 | .05 | .06 | .06 | .06 | | | .07 | .07 | .06 | .05 | .06 | .05 | .05 | .05 | .053 | 22 | .07 |
| 4 | .05 | .04 | .04 | .04 | .04 | .05 | .05 | .05 | .05 | .05 | .06 | .06 | .06 | .06 | | | | .05 | .05 | .05 | | | | | .049 | 17 | .06 |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6* | .05 | .05 | .04 | .04 | .04 | .04 | .05 | .05 | .06 | .06 | .07 | .07 | .07 | .08 | | | .07 | .07 | .06 | .06 | .07 | .06 | .07 | .06 | .058 | 22 | .08 |
| 7* | .06 | .06 | .05 | .04 | .05 | .05 | .05 | .05 | .05 | .04 | .07 | .07 | .08 | .08 | | .08 | .08 | .08 | .08 | .07 | .07 | .06 | .06 | .05 | .062 | 23 | .09 |
| 8 | .05 | .05 | .04 | .03 | .04 | .04 | .04 | .05 | .05 | .05 | .06 | .06 | .05 | .05 | | | .05 | .05 | .04 | .04 | .04 | .04 | .04 | .03 | .045 | 22 | .07 |
| 9 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .04 | .05 | .04 | .05 | .06 | | | .05 | .05 | .04 | .04 | .06 | .08 | .09 | .08 | .046 | 22 | .09 |
| 10 | .08 | .08 | .08 | .06 | .04 | .05 | .05 | .06 | .05 | .05 | .06 | .06 | .06 | .08 | | | .08 | .07 | .07 | .07 | .07 | .07 | .06 | .06 | .064 | 22 | .08 |
| 11 | .04 | .03 | .05 | .05 | .05 | .05 | .06 | .07 | .06 | .06 | .06 | .05 | .05 | .05 | | | .05 | .05 | .05 | .04 | .05 | .04 | .04 | .04 | .049 | 22 | .08 |
| 12 | .04 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .05 | .05 | | | | | | | .04 | .06 | .05 | .05 | .05 | .05 | .05 | .05 | .044 | 18 | .06 |
| 13* | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .06 | .07 | .09 | .08 | | | .10 | .09 | .08 | .07 | .07 | .07 | .08 | .08 | .066 | 22 | .10 |
| 14* | .07 | .06 | .06 | .06 | .05 | .05 | .05 | .05 | .06 | .06 | .06 | .07 | .08 | .08 | | .08 | .07 | .07 | .07 | .07 | .07 | .07 | .06 | .07 | .064 | 23 | .08 |
| 15 | .06 | .06 | .06 | .06 | .04 | .05 | .05 | .06 | .06 | .06 | .06 | .06 | .06 | .06 | | | .06 | .06 | .05 | .05 | .05 | .05 | .06 | .07 | .057 | 22 | .07 |
| 16 | .06 | .05 | .05 | .05 | .05 | .05 | .06 | .07 | .07 | .07 | .07 | .07 | .07 | .07 | | | .09 | .09 | .09 | .09 | .09 | .09 | .10 | .11 | .073 | 22 | .12 |
| 17 | .11 | .07 | .06 | .05 | .05 | .04 | .05 | .06 | .08 | .07 | .07 | .08 | .07 | .08 | | | .10 | .08 | .07 | .07 | .07 | .07 | .07 | .07 | .069 | 22 | .13 |
| 18 | .06 | .05 | .06 | .07 | .06 | .06 | .06 | .06 | .07 | .06 | .06 | .06 | .06 | .06 | | | .09 | .08 | .07 | .06 | .06 | .06 | .06 | .06 | .062 | 22 | .09 |
| 19 | .04 | .04 | .04 | .04 | .04 | .04 | .05 | .06 | .07 | .07 | .06 | | | | | | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .04 | .049 | 19 | .07 |
| 20* | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .04 | .05 | .05 | .04 | | .05 | .05 | .05 | .05 | .06 | .06 | .07 | .06 | .06 | .043 | 23 | .07 |
| 21* | .06 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .06 | .06 | .06 | .06 | .07 | | .09 | .09 | .09 | .09 | .08 | .06 | .05 | .05 | .04 | .061 | 23 | .10 |
| 22 | .04 | .03 | .02 | .02 | .03 | .04 | .05 | .05 | .05 | .05 | .05 | .06 | .06 | .07 | | .07 | .07 | .06 | .06 | .07 | .06 | .06 | .06 | .05 | .051 | 23 | .08 |
| 23 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .06 | .06 | .06 | .06 | .05 | .06 | | .07 | .08 | .08 | .08 | .07 | .07 | .06 | .06 | .06 | .059 | 23 | .08 |
| 24 | .05 | .05 | .05 | .05 | .05 | .05 | .07 | .06 | .06 | .07 | .08 | .09 | .10 | .11 | | .12 | .13 | .12 | .11 | .11 | .10 | .10 | .09 | .09 | .082 | 23 | .14 |
| 25 | .08 | .07 | .05 | .05 | .06 | .07 | .08 | .10 | .11 | .11 | .10 | .11 | .13 | .16 | | | .15 | .14 | .13 | .09 | .10 | .10 | .09 | .08 | .097 | 22 | .17 |
| 26 | .06 | .07 | .06 | .04 | .04 | .08 | .10 | .10 | .11 | .11 | | | | | | | .11 | .10 | .10 | .11 | .10 | .10 | .09 | .09 | .086 | 18 | .12 |
| 27* | .08 | .08 | .07 | .06 | .05 | .05 | .08 | .09 | .08 | .08 | .09 | .07 | .07 | .08 | | | .05 | .05 | .05 | .04 | .04 | .04 | .04 | .04 | .062 | 22 | .09 |
| 28* | .04 | .04 | .04 | .04 | .04 | .05 | .05 | .06 | .05 | .05 | .06 | .07 | .07 | .08 | | | .06 | .06 | .06 | .06 | .05 | .05 | .04 | .04 | .052 | 22 | .08 |
| 29 | .04 | .03 | .03 | .02 | .03 | .04 | .04 | .05 | .05 | .05 | .05 | .06 | .06 | .07 | | | .07 | .07 | .06 | .06 | .06 | .06 | .06 | .06 | .050 | 22 | .08 |
| 30 | .05 | .05 | .05 | .05 | .04 | .04 | .05 | .05 | .05 | .05 | .05 | .06 | .06 | .07 | | | .06 | .06 | .06 | .05 | .05 | .05 | .05 | .04 | .051 | 22 | .07 |
| 31 | .04 | .03 | .03 | .03 | .03 | .04 | .05 | .05 | .05 | .05 | .06 | .07 | .07 | .07 | | | .07 | .07 | .07 | .07 | .07 | .06 | .05 | .05 | .052 | 22 | .08 |
| MEAN | .05 | .05 | .05 | .04 | .04 | .05 | .05 | .06 | .06 | .06 | .06 | .06 | .07 | .07 | | | .08 | .07 | .07 | .06 | .06 | .06 | .06 | .06 | .059 | | |
| NO | 30 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 29 | 29 | 27 | 26 | 26 | 26 | | 7 | 28 | 30 | 30 | 30 | 29 | 29 | 29 | 29 | | 643 | |
| MAX | .11 | .08 | .08 | .07 | .08 | .09 | .10 | .11 | .11 | .11 | .10 | .11 | .13 | .16 | | .12 | .15 | .14 | .13 | .11 | .10 | .10 | .09 | .11 | .097 | | .17 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

**Table 3-26. JUNE, HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)**
**Colorimetric Analysis**

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO. OF HRS. | 5-MIN. MAX. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .05 | .04 | .04 | .04 | .04 | .04 | .04 | .05 | .06 | .06 | .06 | .07 | .07 | .09 | | | .07 | .07 | .06 | .06 | .06 | .06 | .06 | .06 | .055 | 22 | .09 |
| 2 | .06 | .07 | .06 | .06 | .06 | .06 | .07 | .07 | .07 | .09 | .09 | .10 | .10 | .11 | | | .10 | .08 | .08 | .07 | .07 | .07 | .07 | .07 | .076 | 22 | .12 |
| 3* | .06 | .06 | .06 | .07 | .09 | .08 | .09 | .11 | .10 | .11 | .11 | .13 | .12 | .10 | | | .11 | .12 | .11 | .10 | .09 | .11 | .13 | .13 | .098 | 22 | .14 |
| 4* | .13 | .14 | .11 | .08 | .08 | .08 | .10 | .09 | .10 | .12 | .11 | .11 | .10 | .11 | | | .12 | .12 | .11 | .12 | .13 | .13 | .11 | .11 | .109 | 22 | .15 |
| 5 | .09 | .08 | .07 | .07 | .07 | .08 | .08 | .10 | .12 | .12 | | | .08 | .08 | | | .10 | .09 | .08 | .08 | .09 | .09 | .09 | .08 | .087 | 20 | .14 |
| 6 | .08 | .06 | .07 | .06 | .07 | .06 | .07 | .07 | .08 | .07 | .07 | .06 | .05 | .06 | | | .08 | .07 | .08 | .07 | .07 | .07 | .06 | .06 | .067 | 22 | .09 |
| 7 | .05 | .05 | .04 | .05 | .04 | .05 | .05 | .06 | .07 | .08 | .08 | .07 | .07 | .08 | | | .06 | .07 | .07 | .07 | .06 | .06 | .05 | .05 | .060 | 22 | .09 |
| 8 | .04 | .03 | .03 | .02 | .03 | .03 | .04 | .05 | .05 | | | | | | | | .11 | .11 | .09 | .06 | .06 | .05 | .04 | .05 | .051 | 17 | .12 |
| 9 | .04 | .03 | .03 | .03 | .03 | .04 | .04 | .04 | .05 | .05 | .05 | .06 | .07 | .05 | | | .07 | .07 | .07 | .07 | .07 | .07 | .07 | | .052 | 21 | .08 |
| 10* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | .04 | .04 | .04 | .04 | .04 | .04 | .06 | .07 | .07 | .07 | .08 | .07 | .07 | .07 | | | .08 | .06 | .07 | .07 | .06 | .06 | .05 | .06 | .058 | 22 | .09 |
| 14 | .06 | .05 | .04 | .04 | .04 | .05 | .06 | .07 | .08 | .07 | .08 | .07 | .07 | .07 | | | .08 | .08 | .07 | .07 | .07 | .06 | .07 | .07 | .063 | 22 | .09 |
| 15 | .06 | .05 | .05 | .04 | .05 | .06 | .07 | .08 | .08 | .08 | .07 | .06 | .06 | .07 | | | .08 | .09 | .08 | .07 | .07 | .08 | .07 | .08 | .067 | 22 | .09 |
| 16 | .08 | .07 | .06 | .06 | .06 | .06 | .06 | .07 | .09 | | | | .06 | .07 | | | .07 | .09 | .07 | .05 | .05 | .05 | .05 | .04 | .063 | 19 | .10 |
| 17* | .04 | .04 | .03 | .03 | .04 | .02 | .02 | .02 | .03 | .02 | .02 | .03 | .04 | .04 | | | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .02 | .029 | 22 | .04 |
| 18* | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .03 | .04 | .04 | .04 | .04 | | .04 | .04 | .04 | .05 | .05 | .04 | .04 | .04 | .03 | .031 | 23 | .05 |
| 19 | .03 | .03 | .02 | .02 | .02 | .02 | .03 | .04 | .04 | .04 | .05 | .06 | .06 | .07 | | | .07 | .06 | | | | | | | .040 | 16 | .07 |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | .08 | .08 | .07 | .07 | .06 | .06 | .07 | .09 | .10 | .09 | .08 | .07 | .07 | .09 | | | .10 | .10 | .10 | .09 | .08 | .08 | .08 | .09 | .080 | 22 | .12 |
| 22 | .07 | .05 | .04 | .03 | .03 | .04 | .05 | .06 | .07 | .06 | | | .06 | .06 | | | .06 | .05 | .05 | .05 | .04 | .05 | .06 | .06 | .050 | 20 | .08 |
| 23 | .06 | .06 | .07 | .06 | .05 | .05 | .06 | .08 | .09 | .08 | .08 | .08 | .07 | .08 | | .06 | .11 | .10 | .10 | .09 | .09 | .08 | .06 | .06 | .074 | 23 | .11 |
| 24* | .06 | .07 | .05 | .04 | .03 | .04 | .04 | .05 | .05 | .05 | .04 | .06 | .08 | .06 | | | .07 | .05 | .05 | .05 | .05 | .05 | .05 | .04 | .052 | 22 | .08 |
| 25* | .04 | .04 | .04 | .03 | .03 | .03 | .03 | .04 | .04 | .05 | .06 | .06 | .06 | .06 | | | .08 | .09 | .08 | .08 | .07 | .08 | .09 | .09 | .057 | 22 | .10 |
| 26 | .10 | .09 | .08 | .07 | .06 | .05 | .07 | .12 | .15 | .13 | .07 | .07 | .08 | .08 | | | .09 | .08 | .08 | .09 | .10 | .10 | .09 | .08 | .087 | 22 | .16 |
| 27 | .07 | .07 | .07 | .07 | .07 | .07 | .10 | .12 | .14 | .15 | .11 | | | | | | .09 | .09 | .09 | .10 | .09 | .09 | .08 | .07 | .091 | 19 | .15 |
| 28 | .05 | .05 | .05 | .04 | .02 | .05 | .06 | .07 | .07 | .05 | .04 | .05 | .06 | .07 | | | .10 | .09 | .08 | .07 | .07 | .07 | .07 | .06 | .061 | 22 | .11 |
| 29 | .06 | .05 | .04 | .04 | .04 | .04 | .06 | .06 | .06 | | | | | .06 | | | .08 | .07 | .08 | .09 | .09 | .10 | .08 | .06 | .064 | 18 | .10 |
| 30 | .06 | .05 | .05 | .05 | .04 | .04 | .05 | .07 | .07 | .06 | .06 | .06 | .06 | .06 | | | .07 | .07 | .07 | .07 | .07 | .08 | .07 | .07 | .061 | 22 | .08 |
| MEAN | .06 | .06 | .05 | .05 | .05 | .05 | .06 | .07 | .07 | .07 | .07 | .07 | .07 | .07 | | | .08 | .08 | .07 | .07 | .07 | .07 | .07 | .07 | .065 | | |
| NO | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 23 | 21 | 20 | 23 | 24 | | 2 | 26 | 26 | 25 | 25 | 25 | 25 | 25 | 24 | | 548 | |
| MAX | .13 | .14 | .11 | .08 | .08 | .08 | .10 | .12 | .15 | .15 | .11 | .13 | .12 | .11 | | .06 | .12 | .12 | .11 | .12 | .13 | .13 | .13 | .13 | .109 | | .16 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

**Table 3-27. JULY, HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)**
**Colorimetric Analysis**

| DAY OF MONTH | AM 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | PM 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO OF HRS | 5 MIN MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1* | .07 | .06 | .05 | .05 | .04 | .05 | .06 | .06 | .06 | .06 | .06 | .05 | .05 | .05 | | .06 | .05 | .05 | .05 | | | | | | .054 | 18 | .07 |
| 2* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | .05 | .05 | .04 | .02 | .02 | .03 | .03 | .03 | .04 | .04 | .06 | .06 | .06 | .06 | | .07 | .07 | .07 | .07 | .07 | .07 | .06 | .06 | | .051 | 22 | .07 |
| 7 | .06 | .05 | .04 | .03 | .03 | .04 | .04 | .04 | .05 | .05 | .05 | .06 | .06 | .06 | | .07 | .06 | .06 | .06 | .05 | .05 | .05 | .04 | | .049 | 22 | .07 |
| 8* | .03 | .04 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .05 | .06 | .06 | .07 | .07 | | .08 | .09 | .08 | .04 | .04 | .04 | .04 | .03 | | .047 | 22 | .09 |
| 9* | .03 | .03 | .02 | .03 | .03 | .04 | .04 | .04 | .04 | .05 | .05 | .05 | .05 | .05 | | .05 | .04 | .05 | .05 | .04 | .04 | .03 | .03 | | .039 | 22 | .06 |
| 10 | .03 | .02 | .02 | .02 | .03 | .02 | .03 | .03 | .03 | .04 | .04 | .05 | .08 | .08 | | .04 | .05 | .05 | .05 | .04 | .04 | .04 | .03 | | .038 | 22 | .09 |
| 11 | .03 | .02 | .01 | .00 | .01 | .01 | .01 | .04 | .07 | .07 | .12 | .11 | .08 | .08 | | .07 | .08 | .06 | .05 | .04 | .05 | .05 | .05 | | .050 | 22 | .24 |
| 12 | .04 | .03 | .02 | .02 | .02 | .02 | .03 | .04 | .05 | .05 | .04 | .04 | .04 | .04 | | .05 | .04 | .04 | .03 | .03 | .03 | .02 | .02 | | .033 | 22 | .06 |
| 13 | .02 | .01 | .01 | .01 | .01 | .01 | .01 | .02 | .03 | .03 | .04 | .03 | .03 | .03 | | .03 | .03 | .03 | .03 | .04 | .04 | .03 | .03 | | .026 | 22 | .04 |
| 14 | .03 | .03 | .03 | .02 | .02 | .03 | .03 | .03 | .04 | | | .03 | .03 | .03 | | .04 | .04 | .04 | .04 | .04 | .04 | .03 | .03 | | .032 | 20 | .05 |
| 15* | .03 | .03 | .02 | .02 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .03 | | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | | .029 | 22 | .04 |
| 16* | .04 | .04 | .04 | .03 | .04 | .04 | .04 | .04 | .05 | .04 | .04 | .05 | .06 | .06 | | .07 | .07 | .07 | .07 | .07 | .07 | .07 | .07 | | .052 | 22 | .08 |
| 17 | .06 | .06 | .05 | .04 | .04 | .05 | .05 | .06 | .07 | .06 | .05 | .05 | .05 | .06 | | .07 | .06 | .06 | .07 | .07 | .06 | .06 | .06 | | .056 | 22 | .07 |
| 18 | .06 | .06 | .05 | .05 | .05 | .05 | .06 | .07 | | | | | | | | .07 | .07 | .07 | .07 | .07 | .07 | .06 | .06 | | .061 | 16 | .08 |
| 19 | .06 | .06 | .06 | .05 | .05 | .06 | .06 | .08 | .08 | .08 | .07 | .06 | .06 | .06 | | .06 | .06 | .05 | .05 | .05 | .04 | .04 | .05 | | .057 | 22 | .09 |
| 20 | .04 | .05 | .05 | .05 | .04 | .05 | .05 | .05 | .05 | .05 | | | | .05 | | .05 | .05 | .05 | .05 | .05 | .05 | .04 | .04 | | .047 | 19 | .06 |
| 21 | .04 | .04 | .03 | .05 | .05 | .05 | .06 | .07 | .07 | .08 | .07 | .07 | .07 | .08 | | .10 | .09 | .07 | .08 | .08 | .07 | .07 | .06 | | .066 | 22 | .11 |
| 22* | .06 | .06 | .06 | .06 | .06 | .06 | .07 | .07 | .09 | .09 | .11 | .10 | .07 | .06 | | .07 | .07 | .06 | .07 | .06 | .06 | .05 | .05 | | .067 | 22 | .12 |
| 23* | .05 | .05 | .04 | .04 | .04 | .03 | .03 | .04 | .05 | .04 | .04 | .04 | .04 | .05 | | .06 | .05 | .05 | .04 | .05 | .05 | .05 | .04 | | .044 | 22 | .06 |
| 24 | .03 | .03 | .02 | .03 | .04 | .04 | .05 | .05 | .05 | .06 | .06 | .07 | .08 | .06 | | .05 | .06 | .06 | .06 | .06 | .06 | .06 | .05 | | .051 | 22 | .09 |
| 25 | .05 | .04 | .04 | .04 | .04 | .04 | .05 | .06 | .07 | .07 | .08 | .07 | .07 | .08 | | .06 | .06 | .06 | .06 | .06 | .07 | .07 | .07 | | .058 | 22 | .09 |
| 26 | .07 | .07 | .06 | .05 | .04 | .05 | .06 | .07 | .08 | .07 | .07 | .06 | .05 | .05 | | .10 | .09 | .08 | .07 | .06 | .05 | .05 | .05 | | .063 | 22 | .10 |
| 27 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .06 | .06 | .10 | .09 | .09 | .07 | .09 | | .09 | .08 | .06 | .06 | .05 | .05 | .04 | .04 | | .062 | 22 | .11 |
| 28 | .03 | .03 | .03 | .03 | .02 | .03 | .03 | .03 | .04 | .04 | | | .04 | .04 | | .05 | .05 | .05 | .05 | .04 | .04 | .04 | .04 | | .037 | 20 | .05 |
| 29* | .05 | .05 | .05 | .05 | .06 | .06 | .07 | .10 | .09 | .07 | .06 | .05 | .05 | .05 | | .06 | .06 | .05 | .05 | .06 | .05 | .05 | .05 | | .058 | 22 | .11 |
| 30* | .05 | .04 | .03 | .03 | .03 | .03 | .03 | .04 | .06 | .05 | .07 | .08 | .08 | .08 | | .08 | .09 | .09 | .10 | .09 | .09 | .09 | .07 | | .063 | 22 | .10 |
| 31 | .06 | .05 | .04 | .04 | .04 | .05 | | | | | | .06 | .06 | .06 | | .06 | .06 | .05 | .04 | .04 | .03 | .03 | .03 | | .047 | 17 | .07 |
| MEAN | .05 | .04 | .04 | .03 | .04 | .04 | .04 | .05 | .05 | .06 | .06 | .06 | .06 | .06 | | .06 | .06 | .06 | .05 | .05 | .05 | .05 | .05 | | .050 | | |
| NO | 27 | 27 | 27 | 27 | 27 | 27 | 26 | 26 | 25 | 24 | 22 | 24 | 25 | 26 | 1 | 27 | 27 | 27 | 26 | 26 | 26 | 26 | 26 | | | 572 | |
| MAX | .07 | .07 | .06 | .06 | .06 | .06 | .07 | .10 | .09 | .10 | .12 | .11 | .08 | .09 | .06 | .10 | .09 | .09 | .10 | .09 | .09 | .09 | .07 | | .067 | | .24 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

**Table 3-28. AUGUST, HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)**
**Colorimetric Analysis**

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO. OF HRS | 5-MIN MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .03 | .03 | .03 | .03 | .04 | .04 | .05 | .05 | .05 | .05 | .08 | .08 | .08 | .08 | | | .13 | .12 | .08 | .06 | .07 | .06 | .07 | .05 | .061 | 22 | .15 |
| 2 | .05 | .03 | .04 | .04 | .04 | .03 | .05 | .05 | .06 | .07 | .07 | .06 | .08 | .07 | | .12 | .16 | .15 | .10 | .10 | .11 | .12 | .12 | .10 | .078 | 23 | .17 |
| 3 | .08 | .05 | .05 | .03 | .04 | .07 | .09 | .12 | .10 | .06 | .07 | .08 | .07 | .07 | | | .08 | .07 | .06 | .06 | .07 | .07 | .05 | .06 | .068 | 22 | .12 |
| 4 | .05 | .04 | .04 | .03 | .03 | .03 | .04 | .05 | .07 | .06 | | | .05 | .07 | | | .07 | .07 | .08 | .08 | .06 | .06 | .05 | .05 | .054 | 20 | .08 |
| 5* | .05 | .04 | .05 | .04 | .05 | .05 | .05 | .07 | .07 | .10 | .10 | .07 | .07 | .07 | | | .10 | .11 | .11 | .10 | .09 | .07 | .06 | .06 | .072 | 22 | .12 |
| 6* | .06 | .06 | .06 | .06 | .06 | .06 | .07 | .09 | .08 | .06 | .05 | .05 | .06 | .06 | | .06 | .06 | .06 | .07 | .07 | .07 | .06 | .06 | .05 | .063 | 23 | .10 |
| 7 | .04 | .05 | .04 | .04 | .04 | .04 | .05 | .05 | .06 | .06 | .07 | .07 | .07 | .07 | | | .09 | .07 | .07 | .07 | .07 | .06 | .06 | .06 | .058 | 22 | .09 |
| 8 | .05 | .05 | .04 | .03 | .03 | .05 | .06 | .07 | .06 | .06 | .06 | .06 | .06 | .08 | | | .08 | .06 | .06 | .06 | .05 | .06 | .05 | .04 | .055 | 22 | .09 |
| 9 | .05 | .05 | .04 | .04 | .04 | .05 | .05 | .06 | .07 | .07 | .07 | .07 | .07 | .07 | | | .06 | .05 | .04 | .04 | .04 | .04 | .04 | .03 | .052 | 22 | .08 |
| 10 | .03 | .02 | .02 | .02 | .02 | .03 | .03 | .03 | .03 | .03 | | | | .04 | | | .04 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .030 | 19 | .05 |
| 11 | .03 | .03 | .02 | .02 | .03 | .03 | .03 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | | | .06 | .06 | .05 | .05 | .05 | .05 | .05 | .05 | .040 | 22 | .06 |
| 12* | .05 | .05 | .05 | .05 | .06 | .06 | .05 | .06 | .06 | .05 | .05 | .05 | .04 | .04 | | .06 | .06 | .06 | .06 | .06 | .07 | .07 | .07 | .07 | .058 | 23 | .07 |
| 13* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | .12 | .11 | .09 | .10 | .10 | .12 | .12 | | | | | | | | | | .09 | .08 | .09 | .08 | .09 | .09 | .08 | .08 | .095 | 15 | .13 |
| 16 | .07 | .07 | .07 | .07 | .07 | .07 | .07 | .09 | .10 | .10 | .07 | .07 | .07 | .07 | | | .08 | .07 | .07 | .07 | .08 | .08 | .07 | .07 | .074 | 22 | .11 |
| 17 | .06 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .06 | .07 | .07 | .07 | .04 | .07 | | | .08 | .06 | .07 | .07 | .07 | .07 | .06 | .06 | .060 | 22 | .08 |
| 18 | .05 | .06 | .06 | .06 | .05 | .05 | .05 | .06 | .06 | | | .03 | .09 | .11 | | | .06 | .05 | .05 | .05 | .05 | .04 | .03 | .03 | .054 | 20 | .13 |
| 19* | .03 | .03 | .02 | .02 | .02 | .02 | .02 | .03 | .03 | .02 | .02 | .03 | .03 | .03 | | | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .027 | 22 | .03 |
| 20* | .03 | .03 | .03 | .03 | .03 | .04 | .03 | .04 | .04 | .04 | .04 | .04 | .05 | .05 | | | .06 | .05 | .05 | .05 | .06 | .06 | .05 | .05 | .043 | 22 | .06 |
| 21 | .06 | .05 | .05 | .05 | .04 | .04 | .05 | .06 | .06 | .05 | .05 | .05 | .06 | .06 | | | .07 | .06 | .04 | .04 | .03 | .03 | .03 | .02 | .046 | 22 | .07 |
| 22 | .02 | .01 | .01 | .01 | .01 | .02 | .02 | .02 | .03 | .03 | .03 | .03 | .03 | .03 | | | .04 | .05 | .05 | .05 | .04 | .04 | .04 | .05 | .030 | 22 | .06 |
| 23 | .03 | .03 | .02 | .02 | .03 | .02 | .03 | .03 | .03 | .03 | .04 | .04 | .05 | .05 | | | .04 | .06 | .06 | .06 | .06 | .05 | .06 | .05 | .041 | 22 | .06 |
| 24 | .03 | .02 | .01 | .02 | .02 | .03 | .04 | .04 | .04 | .04 | .04 | .05 | .05 | .05 | | | .04 | | | | | .05 | .05 | .05 | .038 | 18 | .06 |
| 25 | .05 | .05 | | | .04 | .05 | | .09 | .12 | | | | | .09 | | | .11 | .11 | .11 | .10 | .10 | .10 | .10 | .09 | .086 | 15 | .13 |
| 26* | .09 | .07 | .07 | .07 | .05 | .04 | | .05 | | .06 | .06 | .06 | .06 | .06 | | | .04 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .049 | 20 | .09 |
| 27* | .02 | .01 | .01 | .01 | .01 | .01 | .02 | .02 | .02 | .02 | .03 | .03 | .03 | .03 | | | .03 | .03 | .04 | .04 | .04 | .04 | .04 | .03 | .025 | 22 | .05 |
| 28 | .03 | .03 | .02 | .02 | .02 | .03 | .05 | .09 | .13 | .11 | .09 | .07 | .06 | .05 | | | .07 | .06 | .07 | .07 | .07 | | .07 | .07 | .061 | 21 | .15 |
| 29 | .06 | .07 | .06 | .06 | .06 | .06 | .06 | .08 | | .07 | .07 | .07 | .07 | .07 | | | .07 | .07 | .09 | .08 | .07 | .06 | .06 | .05 | .067 | 21 | .09 |
| 30 | .05 | .04 | .03 | .02 | .02 | .02 | .02 | .02 | .03 | .03 | .03 | .02 | .02 | .03 | | | .05 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .032 | 22 | .05 |
| 31 | .03 | .03 | .02 | .02 | .02 | .03 | .03 | .03 | .03 | | | | | .03 | | | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .033 | 18 | .04 |
| MEAN | .05 | .04 | .04 | .04 | .04 | .04 | .05 | .05 | .06 | .06 | .06 | .05 | .06 | .06 | | | .07 | .07 | .06 | .06 | .06 | .06 | .06 | .05 | .053 | | |
| NO | 29 | 29 | 28 | 28 | 29 | 29 | 27 | 28 | 26 | 25 | 23 | 24 | 25 | 28 | | 3 | 29 | 28 | 28 | 28 | 28 | 28 | 29 | 29 | | 608 | |
| MAX | .12 | .11 | .09 | .10 | .10 | .12 | .12 | .12 | .13 | .11 | .10 | .08 | .09 | .11 | | .12 | .16 | .15 | .11 | .10 | .11 | .12 | .12 | .10 | .095 | | .17 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

## Table 3-29. SEPTEMBER, HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)
Colorimetric Analysis

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO OF HRS | 5 MIN MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .04 | .03 | .03 | .03 | .04 | .06 | .05 | .05 | .05 | .04 | .04 | .04 | .04 | .04 | | | .05 | | | .05 | .05 | .04 | .04 | .04 | .043 | 20 | .06 |
| 2* | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .03 | .03 | .04 | .05 | .05 | | | .04 | .04 | .03 | .03 | .04 | .04 | .04 | .04 | .039 | 22 | .06 |
| 3* | .04 | .03 | .03 | .02 | .02 | .02 | .02 | .02 | .04 | .02 | .02 | .03 | .03 | .03 | | | | | | | | | | | .026 | 14 | .04 |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | .06 | .07 | .08 | .09 | .09 | .10 | .11 | .11 | .08 | .06 | .06 | .05 | .04 | .06 | | | .07 | .08 | .08 | .09 | .08 | .08 | .08 | .08 | .079 | 22 | .12 |
| 7 | .08 | .06 | .06 | .06 | .07 | .08 | .08 | .08 | .08 | .07 | | | | .07 | | | .09 | .09 | .09 | .10 | .09 | .09 | .10 | .09 | .079 | 19 | .11 |
| 8 | .07 | .09 | .11 | .12 | .11 | .11 | .12 | .16 | .25 | .22 | .13 | .08 | .12 | .13 | | | .10 | .11 | .10 | .10 | .09 | .08 | .08 | .07 | .115 | 22 | .29 |
| 9* | .05 | .05 | .05 | .05 | .04 | .04 | .04 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | | | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .035 | 22 | .06 |
| 10* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | | .01 | .01 | .01 | .01 | | .03 | | .03 | .03 | | | | .05 | | | .07 | .07 | .07 | .06 | .06 | .05 | | | .040 | 14 | .08 |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | .03 | .03 | .04 | .04 | .04 | .04 | | | .05 | .06 | .05 | .05 | .04 | .04 | .05 | .04 | .043 | 1 | .06 |
| 15 | .04 | .04 | .04 | | | | | .04 | .04 | | | | | .05 | | | .04 | .04 | .04 | .04 | .04 | .03 | .03 | .04 | .039 | 14 | .03 |
| 16* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | | .04 | .03 | .03 | .02 | .02 | .03 | .03 | .03 | | | .04 | .04 | .06 | | | .07 | .08 | .08 | .07 | .07 | .06 | .05 | .04 | .046 | 19 | .08 |
| 19 | .03 | .04 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | | | .04 | .04 | .05 | .04 | .04 | .04 | .03 | .04 | .034 | 22 | .05 |
| 20 | .04 | .03 | .03 | .03 | .02 | .02 | .02 | .02 | .03 | .02 | .03 | .03 | .04 | .04 | | | .04 | .04 | .04 | .04 | .03 | .03 | .02 | .02 | .030 | 22 | .05 |
| 21 | .02 | .01 | .01 | .01 | .01 | .01 | .01 | .02 | .02 | | | | .03 | .03 | | | .03 | .03 | .03 | .02 | .03 | .02 | .02 | .02 | .020 | 19 | .04 |
| 22 | .02 | .01 | .01 | .01 | .01 | .01 | .01 | .02 | .02 | .02 | .03 | .02 | .02 | .07 | | | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .018 | 22 | .04 |
| 23* | .02 | .03 | .03 | .03 | .03 | .02 | .02 | .02 | .03 | .03 | .03 | .03 | .03 | .03 | | | .04 | .05 | .04 | .03 | .03 | .03 | .02 | .02 | .029 | 22 | .05 |
| 24* | .02 | .02 | .02 | .02 | .01 | .01 | .01 | .01 | .02 | .02 | .02 | .02 | .02 | .02 | | | .03 | .03 | .03 | .04 | .04 | .04 | .04 | .04 | .024 | 22 | .05 |
| 25 | .04 | .04 | .04 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .03 | .03 | .03 | | | | | | | | | | | | .034 | 13 | .05 |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | .01 | .01 | .01 | .01 | .01 | .02 | .02 | .02 | .03 | .03 | .03 | .03 | .02 | .02 | | | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .020 | 22 | .04 |
| 28 | .02 | .02 | .01 | .01 | .01 | .01 | .02 | .02 | .02 | .02 | .02 | .02 | | | | | .03 | .03 | .02 | .02 | .02 | .02 | .02 | .02 | .019 | 20 | .03 |
| 29 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .03 | .03 | .03 | .03 | .02 | .03 | | | .03 | .03 | .03 | .04 | .04 | .04 | .04 | .04 | .028 | 22 | .04 |
| 30* | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .05 | .05 | .05 | .05 | | | .05 | .05 | .06 | .06 | .06 | .05 | .05 | .04 | .042 | 22 | .07 |
| MEAN | .04 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | | | .05 | .05 | .05 | .05 | .05 | .04 | .04 | .04 | .040 | | |
| NO | 19 | 21 | 21 | 20 | 20 | 19 | 20 | 20 | 22 | 19 | 17 | 18 | 18 | 20 | | | 20 | 19 | 19 | 20 | 20 | 20 | 19 | 19 | | 430 | |
| MAX | .08 | .09 | .11 | .12 | .11 | .11 | .12 | .16 | .25 | .22 | .13 | .08 | .12 | .13 | | | .10 | .11 | .10 | .10 | .09 | .09 | .10 | .09 | .115 | | .29 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

## Table 3-30. OCTOBER, HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)
### Colorimetric Analysis

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO OF HRS | 5-MIN MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1* | .05 | .06 | .06 | .05 | .05 | .05 | .05 | .05 | .06 | .06 | .06 | .06 | .05 | .06 | | | .05 | .06 | .06 | .05 | .06 | .06 | .05 | .04 | .054 | 22 | .08 |
| 2 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | | | | | | .05 | | | .05 | .04 | .05 | .05 | .04 | .04 | .04 | .04 | .043 | 17 | .06 |
| 3 | .05 | .05 | .05 | .06 | .04 | .05 | .04 | .04 | .04 | .05 | .04 | .05 | .05 | .05 | | | | | | | | | | | .048 | 14 | .06 |
| 4 | | | | | .03 | .03 | .01 | .02 | .03 | .02 | .01 | .02 | .02 | .03 | | | .05 | .06 | .06 | .06 | .06 | .05 | .05 | .05 | .036 | 18 | .06 |
| 5 | .04 | .04 | .03 | | | | | | | | | | .04 | .04 | | | .04 | .04 | .03 | .03 | .03 | .02 | .02 | .02 | .032 | 13 | .05 |
| 6 | .02 | .01 | .01 | .01 | .01 | .01 | .02 | .02 | .02 | .03 | | | | | | | .04 | .04 | .04 | .03 | .03 | .03 | .03 | .03 | .024 | 18 | .04 |
| 7* | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .03 | | | .04 | .04 | .04 | .02 | .00 | .00 | .00 | .00 | .019 | 22 | .04 |
| 8* | .00 | .03 | .05 | .01 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .01 | .01 | | | .02 | .02 | .02 | .03 | .03 | .03 | .03 | .04 | .015 | 22 | .06 |
| 9 | .04 | .04 | .04 | .01 | .01 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | | | .03 | .03 | .02 | .02 | .02 | .02 | .02 | .02 | .022 | 22 | .04 |
| 10 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .04 | .03 | .03 | .02 | .03 | .03 | | | | .03 | .03 | .03 | .02 | .03 | .02 | .02 | .02 | .024 | 21 | .03 |
| 11 | .02 | .02 | .02 | .02 | .02 | .02 | | | .02 | .03 | .03 | .03 | .03 | .03 | | | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .026 | 20 | .04 |
| 12 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .05 | .04 | .03 | .04 | .04 | .04 | | | .05 | .06 | .05 | .05 | .05 | .05 | .05 | .05 | .041 | 22 | .06 |
| 13 | .05 | .04 | .04 | .04 | .04 | .04 | .04 | .05 | .05 | | | | .04 | .04 | | | .04 | .05 | .04 | .04 | .04 | .05 | .05 | .04 | .043 | 19 | .05 |
| 14* | .04 | .04 | .04 | .04 | .03 | .03 | .03 | .03 | .05 | .04 | .07 | .07 | .07 | .07 | | | .10 | .09 | .07 | .06 | .05 | .04 | .04 | .04 | .052 | 22 | .10 |
| 15* | .04 | .04 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .03 | .04 | .04 | .04 | | | .04 | .04 | .04 | .05 | .04 | .04 | .03 | .03 | .036 | 22 | .05 |
| 16 | .03 | .02 | .02 | .02 | .02 | .03 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | | | .04 | .04 | .04 | .04 | .04 | .04 | .03 | .03 | .033 | 22 | .04 |
| 17 | .03 | .03 | .02 | .02 | .02 | .03 | .03 | .03 | .07 | .07 | .03 | .03 | .04 | .04 | | | .05 | .05 | .05 | .05 | .05 | .04 | .04 | .04 | .038 | 22 | .09 |
| 18 | .03 | .03 | .03 | .02 | .02 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | | | | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .029 | 21 | .04 |
| 19 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .04 | .04 | .03 | .04 | | | .05 | .05 | .05 | .06 | .06 | .06 | .05 | .05 | .039 | 22 | .07 |
| 20 | .04 | .03 | .03 | .03 | .02 | .02 | .02 | .03 | .03 | .03 | .02 | .02 | | | | | .03 | .03 | .03 | .02 | .02 | .02 | .02 | .02 | .025 | 20 | .04 |
| 21* | .02 | .02 | .01 | .01 | .01 | .02 | .02 | .01 | | | .01 | .01 | .02 | .03 | | | | | | | .04 | .05 | | .05 | .022 | 15 | .05 |
| 22* | .05 | | | | | | .02 | | .02 | .02 | .02 | .02 | .02 | .03 | | | | .04 | .04 | .03 | .04 | .03 | .03 | .03 | .029 | 15 | .05 |
| 23 | | .03 | .03 | .03 | .03 | .04 | .04 | .04 | .04 | .04 | .04 | .05 | | | | | .04 | .06 | .05 | .05 | .05 | .05 | .05 | .04 | .043 | 19 | .07 |
| 24 | .04 | .03 | .03 | .03 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | | | | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .028 | 21 | .05 |
| 25 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .02 | .02 | .02 | .02 | .02 | .02 | | | .03 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .017 | 22 | .04 |
| 26 | .02 | .02 | .02 | .02 | .01 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | | | | .03 | .03 | .03 | .03 | .03 | .04 | .03 | .03 | .023 | 21 | .04 |
| 27 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | | | | | | | | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .025 | 17 | .03 |
| 28* | .03 | .03 | .03 | .02 | .02 | .03 | .03 | .03 | .03 | .03 | .03 | .02 | .03 | .03 | | | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .028 | 22 | .03 |
| 29* | .03 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .03 | .03 | .03 | .03 | .03 | | | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .03 | .029 | 22 | .05 |
| 30 | .03 | .03 | .03 | .03 | .04 | .03 | .04 | .04 | .05 | .09 | .08 | .05 | .05 | .05 | | | .05 | .05 | .05 | .05 | .05 | .05 | .03 | .03 | .044 | 22 | .12 |
| 31 | .02 | .02 | .02 | .02 | .03 | .03 | .02 | .03 | .03 | .03 | .02 | .02 | .03 | .02 | | | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .033 | 22 | .07 |
| MEAN | .03 | .03 | .03 | .03 | .02 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | | | .04 | .04 | .04 | .04 | .04 | .04 | .03 | .03 | .032 | | |
| NO | 29 | 29 | 29 | 28 | 29 | 29 | 29 | 28 | 28 | 26 | 26 | 26 | 26 | 24 | | | 27 | 29 | 29 | 29 | 30 | 30 | 29 | 30 | | 619 | |
| MAX | .05 | .06 | .06 | .06 | .04 | .05 | .05 | .05 | .07 | .09 | .08 | .07 | .07 | .07 | | | .10 | .09 | .07 | .06 | .06 | .06 | .05 | .05 | .054 | | .12 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

## Table 3-31. NOVEMBER, HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)
### Colorimetric Analysis

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO OF HRS. | 5-MIN MAX. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .04 | .04 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .04 | | | .04 | .05 | .04 | .04 | .03 | .03 | .03 | .03 | .035 | 22 | .05 |
| 2 | .03 | .03 | .03 | .03 | .02 | .02 | .03 | .03 | .03 | .04 | .03 | .03 | .04 | .03 | | .02 | .03 | .03 | .03 | .02 | .02 | .02 | .02 | .02 | .027 | 23 | .04 |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4* | | .04 | .04 | .04 | .04 | .05 | .05 | .06 | .06 | .03 | .04 | .04 | .03 | .03 | | | .03 | .03 | .04 | .04 | .03 | .03 | .03 | .03 | .039 | 21 | .07 |
| 5* | .03 | .03 | .02 | .02 | .02 | .02 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | | | .04 | .04 | .05 | .05 | .05 | .04 | .05 | .05 | .034 | 22 | .05 |
| 6 | .05 | .05 | .05 | .05 | .06 | .05 | .04 | .04 | .05 | | .05 | .06 | .05 | .06 | | | .06 | .07 | .07 | .07 | .07 | .08 | .08 | .07 | .058 | 21 | .08 |
| 7 | .08 | .07 | .07 | .07 | .07 | | | | | | | | .09 | .09 | | | .07 | .07 | .07 | .07 | .06 | .07 | .07 | .08 | .071 | 15 | .09 |
| 8 | .10 | .12 | .12 | .11 | .09 | .08 | .07 | .06 | .06 | .06 | .05 | .05 | .06 | .06 | | | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .03 | .063 | 22 | .13 |
| 9 | .03 | .03 | .03 | .03 | .03 | .02 | .03 | .03 | .03 | .04 | .04 | | | .02 | | | .04 | .04 | .04 | .04 | .04 | .04 | .05 | .05 | .034 | 20 | .05 |
| 10 | .05 | .04 | .04 | .04 | .04 | .03 | .03 | .04 | .05 | .05 | .05 | .06 | .05 | .05 | | | .06 | .06 | .05 | .05 | .04 | .04 | .04 | .03 | .044 | 22 | .07 |
| 11* | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .03 | .03 | .03 | .03 | | | .03 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .031 | 22 | .06 |
| 12* | .03 | .03 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | | | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .021 | 22 | .03 |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | .03 | .03 | .03 | .03 | .03 | .02 | .03 | .03 | .03 | .03 | .03 | .04 | .05 | .05 | | | .05 | .05 | .04 | .04 | .03 | .03 | .02 | .03 | .034 | 22 | .06 |
| 22 | .03 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | | | .03 | .03 | .03 | .03 | .02 | .03 | .03 | .03 | .023 | 22 | .03 |
| 23 | .03 | .02 | .02 | .02 | .02 | .02 | .03 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | | | .03 | .03 | .03 | .03 | .03 | .03 | .02 | .03 | .023 | 22 | .03 |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25* | | | | | | | .02 | .02 | .02 | .02 | .02 | .03 | .03 | .03 | | | .03 | .04 | .03 | .02 | .02 | .02 | .02 | .02 | .025 | 16 | .04 |
| 26* | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .03 | .03 | .03 | | | .03 | .03 | .03 | .03 | .02 | .02 | .02 | .02 | .023 | 22 | .04 |
| 27 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .01 | .01 | | | | | .03 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .023 | 20 | .04 |
| 28 | .03 | .03 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .04 | .03 | .04 | | | .04 | .04 | .04 | .04 | .04 | .0 | .04 | .04 | .030 | 22 | .05 |
| 29 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .05 | .05 | .05 | .05 | .05 | .05 | | | .05 | .05 | .04 | .04 | .05 | .05 | .04 | .05 | .044 | 22 | .06 |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MEAN | .04 | .04 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | | | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .035 | | |
| NO | 17 | 18 | 18 | 18 | 18 | 17 | 18 | 18 | 18 | 17 | 18 | 17 | 17 | 18 | | 1 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | | 400 | |
| MAX | .10 | .12 | .12 | .11 | .09 | .08 | .07 | .06 | .06 | .06 | .05 | .06 | .08 | .09 | | .02 | .07 | .07 | .07 | .07 | .07 | .08 | .08 | .08 | .071 | | .13 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

**Table 3-32. DECEMBER, HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)**
**Colorimetric Analysis**

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO OF HRS | 5-MIN MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2* | | .03 | .03 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .03 | .03 | .03 | | | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .026 | 21 | .03 |
| 3* | .03 | .03 | .03 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .03 | .03 | .03 | | | .03 | .03 | .03 | .03 | .03 | .02 | .02 | .02 | .025 | 22 | .04 |
| 4 | .03 | .03 | .02 | | | | .03 | .03 | .03 | .03 | | | | | | | .03 | .03 | .03 | .03 | .03 | .02 | .02 | .02 | .027 | 15 | .05 |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | .05 | .06 | .06 | .06 | .07 | .05 | .02 | .02 | .02 | | | | | | | .05 | .05 | .05 | .05 | | | | | .046 | 13 | .07 |
| 9* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | | .04 | .04 | .04 | .03 | .03 | .03 | .03 | .04 | | | | | .00 | .01 | .02 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .029 | 19 | .04 |
| 12 | .03 | .04 | .04 | .04 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | | | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .035 | 22 | .04 |
| 13 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .03 | .03 | .04 | .04 | .04 | | | .05 | .05 | | | | | | | .036 | 16 | .05 |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | .04 | .04 | .04 | .04 | .03 | .03 | .03 | .04 | .04 | .04 | .06 | .07 | | .02 | | | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .040 | 21 | .07 |
| 16* | .03 | .03 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .04 | .04 | .04 | .04 | | | .04 | .04 | .04 | .05 | .04 | .04 | .036 | 22 | .05 |
| 17* | .04 | .04 | .04 | .04 | .03 | .03 | .04 | .04 | .03 | .03 | .03 | .03 | .04 | .03 | .03 | .03 | | | .03 | .03 | .03 | .03 | .03 | .03 | .033 | 22 | .05 |
| 18 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .02 | .03 | .04 | .04 | | | .03 | .03 | .03 | .04 | .02 | .03 | .02 | .01 | .030 | 22 | .08 |
| 19 | .01 | .01 | .01 | .01 | .01 | .01 | .03 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | | | | | | | | | | | .015 | 14 | .03 |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .03 | | | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .033 | 22 | .05 |
| 22 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .03 | .04 | .04 | .04 | .04 | | | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .036 | 22 | .05 |
| 23* | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | | | .04 | .04 | .04 | .04 | .03 | .04 | .04 | .03 | .034 | 22 | .04 |
| 24* | .03 | .04 | .04 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | | | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .035 | 22 | .07 |
| 25 | .04 | .03 | .04 | .03 | .03 | .03 | .03 | .02 | .02 | .03 | .02 | .03 | .03 | .03 | | .03 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .032 | 23 | .07 |
| 26 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .04 | .03 | .03 | .04 | .04 | .04 | | | .05 | .05 | .05 | .05 | .04 | .05 | .05 | .05 | .040 | 22 | .05 |
| 27 | .05 | .05 | .05 | .05 | .04 | .04 | .05 | .06 | .05 | .06 | .05 | .05 | .05 | .05 | | | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .049 | 22 | .06 |
| 28 | .05 | .05 | .05 | .05 | .05 | .04 | .04 | .04 | .04 | .04 | .04 | | | .01 | | | .07 | .06 | .05 | .06 | .06 | .06 | | | .047 | 18 | .09 |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MEAN | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | | .03 | | | .04 | .04 | .04 | .04 | .04 | .04 | .03 | .03 | .034 | | |
| NO | 17 | 20 | 20 | 19 | 19 | 19 | 20 | 20 | 20 | 19 | 17 | 16 | 15 | 18 | 3 | 4 | 17 | 17 | 18 | 18 | 17 | 17 | 16 | 16 | | 402 | |
| MAX | .05 | .05 | .06 | .04 | .06 | .07 | .06 | .06 | .05 | .06 | .06 | .07 | .05 | .05 | .04 | .04 | .07 | .06 | .05 | .06 | .06 | .06 | .05 | .05 | .049 | | .09 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

## Table 3-33. JANUARY, HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)
Conductometric Analysis

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO. OF HRS | 5-MIN MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | .24 | .22 | .34 | .45 | .52 | .47 | .51 | .73 | .47 | .49 | .37 | .37 | .39 | .32 | | | .30 | .34 | .37 | .32 | .26 | .22 | | | .384 | 20 | .80 |
| 5 | | .41 | .50 | .41 | .33 | .21 | .28 | | | .34 | .30 | | | | | | | .09 | .15 | .30 | .27 | | .44 | .43 | .319 | 14 | .62 |
| 6 | .16 | | .28 | .34 | | | | .27 | .28 | .31 | .35 | | | | .24 | .30 | .32 | .33 | .30 | .19 | .19 | .16 | .10 | .10 | .248 | 17 | .52 |
| 7* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | .35 | .56 | .65 | | .49 | .96 | .59 | .51 | .75 | .69 | .53 | .39 | .44 | .21 | .15 | .16 | .22 | .51 | .60 | .481 | 18 | 1.37 |
| 12 | .54 | .59 | .49 | .33 | .37 | .46 | .72 | .72 | .37 | .32 | .24 | | | .34 | .39 | .35 | | .43 | .33 | .24 | .33 | | | .42 | .420 | 19 | .90 |
| 13 | .73 | .86 | .76 | .59 | | .38 | .50 | .56 | .46 | .55 | | | | .32 | .30 | .30 | .33 | .39 | .38 | .30 | .37 | | .41 | | .470 | 18 | 1.33 |
| 14* | .51 | .52 | .36 | .34 | | | .44 | | .27 | | .12 | .17 | .24 | .23 | .24 | .25 | | .22 | | .11 | .15 | | .09 | .09 | .256 | 17 | .73 |
| 15* | | .12 | .15 | .15 | | .15 | | | .12 | .13 | | .10 | .11 | .12 | .11 | .13 | | .15 | .21 | | | | | | .134 | 13 | .32 |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | .10 | .09 | .11 | .12 | .13 | .16 | .15 | .20 | .20 | .19 | .18 | .17 | .15 | .16 | .16 | .19 | .18 | .16 | .14 | .16 | .18 | .16 | .16 | .19 | .157 | 24 | .29 |
| 18 | .18 | .16 | .16 | .18 | .17 | .19 | .24 | .30 | .36 | .50 | .70 | .81 | .92 | .59 | | .36 | .30 | .26 | .21 | .26 | .20 | .17 | .16 | .15 | .326 | 23 | 1.20 |
| 19 | .17 | .18 | .37 | .36 | .35 | .41 | .60 | .64 | .68 | .46 | .28 | .23 | .25 | .54 | .45 | .40 | .41 | .35 | .44 | .39 | .28 | .22 | .43 | .73 | .400 | 24 | .98 |
| 20 | .83 | .79 | .75 | .45 | .44 | .55 | .66 | .44 | .72 | .66 | .45 | .26 | .21 | .16 | .14 | .16 | .16 | .12 | .16 | .18 | .26 | .42 | .42 | .69 | .419 | 24 | .95 |
| 21* | .71 | .77 | .43 | .52 | .65 | .60 | .37 | .29 | .31 | .46 | .23 | .20 | .20 | .46 | .71 | .41 | .25 | .26 | .23 | .24 | .20 | .24 | .25 | .46 | .392 | 24 | .91 |
| 22* | .22 | .17 | .14 | .16 | .16 | .16 | .14 | .21 | .20 | .22 | .13 | .10 | .09 | .09 | .08 | .07 | .06 | .06 | .07 | .09 | .09 | .14 | .29 | .32 | .142 | 24 | .44 |
| 23 | .37 | .33 | .26 | .20 | .24 | .31 | .47 | .51 | .45 | .39 | .25 | .21 | .37 | .75 | .57 | | | .15 | .19 | .14 | .06 | .14 | .19 | .05 | .298 | 22 | 1.10 |
| 24 | .02 | .06 | .04 | .06 | .24 | .29 | .33 | .34 | .27 | .19 | .12 | .10 | .06 | .05 | .05 | .05 | .03 | .03 | .03 | .02 | .15 | .50 | .50 | .56 | .170 | 24 | .92 |
| 25 | .26 | .05 | .04 | .07 | .10 | .11 | .15 | .16 | .19 | .19 | .14 | .18 | .19 | .16 | .13 | .15 | .12 | .14 | .23 | .27 | .31 | .20 | .14 | .14 | .158 | 24 | .37 |
| 26 | .12 | .13 | .12 | .14 | .16 | .17 | .15 | .18 | .17 | .13 | .13 | .12 | .13 | .12 | .12 | .12 | .11 | .12 | .10 | .09 | .09 | .11 | .12 | .13 | .127 | 24 | .22 |
| 27 | .12 | .12 | .12 | .14 | .17 | .18 | .18 | .24 | .32 | .45 | .40 | .37 | .34 | .36 | .41 | .42 | .39 | .41 | .38 | .26 | .28 | .23 | .19 | .23 | .280 | 24 | .51 |
| 28* | .16 | .20 | .23 | .21 | .23 | .31 | .30 | .36 | .36 | .34 | .25 | .23 | .19 | .14 | .18 | .16 | .17 | .22 | .23 | .32 | .28 | .32 | .32 | .34 | .251 | 24 | .43 |
| 29* | .30 | .33 | .35 | .36 | .31 | .33 | .33 | .24 | .39 | .47 | .23 | .19 | .06 | .04 | .02 | .03 | .06 | .08 | .07 | .04 | .05 | .03 | .03 | .02 | .182 | 24 | .59 |
| 30 | .03 | .04 | .04 | .04 | .04 | .04 | .05 | .05 | .05 | .04 | .12 | .13 | .09 | .13 | | | .04 | .08 | .09 | .13 | .14 | .14 | .26 | .30 | .093 | 22 | .38 |
| 31 | .35 | .21 | .22 | .19 | .19 | .30 | .40 | .44 | .27 | .31 | .30 | .22 | .27 | .25 | .22 | .31 | | | | | | | | | .278 | 16 | .65 |
| MEAN | .31 | .30 | .28 | .26 | .27 | .29 | .36 | .38 | .33 | .35 | .29 | .25 | .25 | .29 | .27 | .25 | .21 | .22 | .21 | .20 | .20 | .21 | .26 | .31 | .253 | | |
| NO. | 20 | 21 | 22 | 22 | 18 | 21 | 21 | 20 | 21 | 22 | 21 | 19 | 19 | 21 | 19 | 19 | 17 | 22 | 21 | 21 | 21 | 17 | 19 | 19 | | 483 | |
| MAX | .83 | .86 | .76 | .59 | .65 | .60 | .72 | .73 | .72 | .66 | .86 | .81 | .92 | .75 | .71 | .53 | .41 | .44 | .44 | .39 | .37 | .50 | .51 | .73 | .481 | | 1.37 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

**Table 3-34. FEBRUARY, HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)**
**Conductometric Analysis**

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO OF HRS | 5-MIN MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | .15 | .26 | .25 | .29 | .24 | .29 | .24 | .28 | .39 | .54 | .50 | .51 | .33 | .32 | .32 | .30 | .29 | .25 | .34 | .43 | .45 | .45 | .32 | .31 | .336 | 24 | .60 |
| 3 | .46 | .32 | .22 | .38 | .45 | .49 | .60 | .63 | .50 | .47 | .29 | .17 | .31 | .32 | .25 | .50 | .22 | .24 | .33 | .28 | .47 | .37 | .54 | .54 | .389 | 24 | .94 |
| 4* | .64 | .61 | .34 | .33 | .27 | .32 | .37 | .27 | .31 | .35 | .29 | .22 | .28 | .19 | .17 | .14 | .16 | .15 | .16 | .17 | .13 | .18 | .16 | .15 | .263 | 24 | .83 |
| 5* | .18 | .16 | .20 | .27 | .36 | .22 | .10 | .07 | .09 | .09 | .07 | .08 | .09 | .10 | .12 | .12 | .12 | .13 | .15 | .14 | .14 | .14 | .14 | .15 | .141 | 24 | .46 |
| 6 | .14 | .13 | .14 | .13 | .14 | .16 | .17 | .18 | .18 | .15 | .16 | .13 | .13 | .17 | .17 | .22 | | .15 | .15 | .12 | .07 | .09 | .09 | .10 | .141 | 23 | .28 |
| 7 | .09 | .10 | .11 | .13 | .18 | .17 | .17 | .16 | .16 | .17 | .14 | .14 | .12 | .10 | .15 | .17 | .04 | .10 | .24 | .41 | .58 | .63 | .52 | .52 | .321 | 24 | .75 |
| 8 | .79 | .47 | .64 | .87 | .96 | 1.11 | .88 | .70 | .53 | .60 | .79 | .94 | .57 | .64 | .90 | .69 | .75 | .65 | .39 | .42 | .42 | .31 | .34 | .39 | .653 | 24 | 1.36 |
| 9 | .39 | .46 | .46 | .51 | .51 | .46 | .54 | .83 | .89 | .97 | .74 | .38 | .22 | .21 | .24 | .14 | .12 | .13 | .12 | .12 | .11 | .12 | .15 | .18 | .376 | 24 | 1.18 |
| 10 | .24 | .39 | .41 | .58 | .48 | .45 | .56 | .58 | .47 | .39 | .43 | .47 | .43 | .54 | .20 | .21 | .20 | .24 | .15 | .12 | .11 | .07 | .09 | .10 | .332 | 24 | .76 |
| 11* | .11 | .11 | .14 | .15 | .17 | .18 | .24 | .22 | .21 | .20 | .21 | .19 | .15 | .16 | .16 | .16 | .16 | .20 | .16 | .30 | .34 | .31 | .34 | .35 | .204 | 24 | .40 |
| 12* | .34 | .41 | .46 | .35 | .40 | .45 | .60 | .74 | .62 | .61 | .62 | .40 | .33 | .17 | .16 | .15 | .14 | .26 | .38 | .41 | .43 | .36 | .44 | .17 | .391 | 24 | .83 |
| 13 | .22 | .22 | .24 | .24 | .31 | .28 | .38 | .57 | .76 | .69 | .48 | .29 | .23 | .24 | .44 | .75 | .78 | .59 | .42 | .52 | .30 | .36 | .35 | .36 | .416 | 24 | 1.01 |
| 14 | .47 | .56 | .53 | .42 | .36 | .36 | .46 | .77 | .77 | .81 | .63 | .66 | .55 | .75 | | | | .73 | .70 | .29 | .31 | .37 | .40 | .43 | .537 | 21 | 1.09 |
| 15 | .46 | .33 | .17 | .17 | .12 | .13 | .12 | .12 | .14 | .12 | .12 | .18 | .55 | .28 | .21 | .16 | .34 | .13 | .15 | .12 | .09 | .12 | .12 | .13 | .190 | 24 | .75 |
| 16 | .15 | .15 | .17 | .20 | .21 | .25 | .36 | .41 | .31 | .43 | .48 | .30 | .32 | 1.10 | 1.02 | .47 | .42 | .33 | .35 | .40 | .49 | .55 | .62 | .67 | .423 | 24 | 1.62 |
| 17 | .51 | .42 | .43 | .52 | .51 | .65 | .85 | .59 | .34 | .11 | .09 | .09 | .10 | .10 | .10 | .10 | .12 | .09 | .08 | .10 | .13 | .11 | .12 | .17 | .266 | 24 | 1.01 |
| 18* | .17 | .16 | .11 | .10 | .16 | .15 | .13 | .14 | .24 | .30 | .30 | .19 | .18 | .18 | .18 | .17 | .17 | .21 | .24 | .33 | .33 | .41 | .34 | .37 | .219 | 24 | .55 |
| 19* | .28 | .24 | .39 | .40 | .64 | .81 | .33 | .29 | .21 | .20 | .16 | .16 | .15 | .14 | .31 | .24 | .23 | .23 | .35 | .21 | .19 | .18 | .14 | .16 | .277 | 24 | .87 |
| 20 | .15 | .15 | .15 | .18 | .20 | .26 | .28 | .30 | .24 | .23 | .24 | .25 | .23 | | .18 | .18 | .19 | .17 | .16 | .16 | .16 | .14 | .15 | .17 | .196 | 23 | .37 |
| 21 | .17 | .17 | .21 | .19 | .22 | .28 | .32 | .35 | .47 | .50 | .69 | .29 | .43 | .46 | .57 | .41 | .56 | .41 | .16 | .19 | .18 | .43 | .57 | .41 | .359 | 24 | 1.07 |
| 22 | .41 | .41 | .36 | .35 | .50 | .50 | .68 | .85 | .77 | .50 | .27 | .39 | .45 | .39 | .37 | .29 | .27 | .22 | .20 | .21 | .19 | .19 | .16 | .20 | .380 | 24 | 1.10 |
| 23 | .23 | .23 | .22 | .25 | .43 | .38 | .57 | .57 | .53 | .30 | .23 | .19 | .21 | .25 | .30 | .25 | .24 | .21 | .21 | .29 | .31 | .22 | .20 | .20 | .290 | 24 | .74 |
| 24 | .17 | .18 | .20 | .23 | .20 | .21 | .24 | .29 | .29 | .31 | .28 | .22 | .21 | .19 | .20 | .21 | .19 | .22 | .23 | .21 | .25 | .27 | .30 | .30 | .232 | 24 | .39 |
| 25* | .33 | .37 | .39 | .39 | .37 | .38 | .39 | .38 | .43 | .34 | .27 | .25 | .22 | .21 | .19 | .19 | .21 | .23 | .29 | .41 | .43 | .48 | .42 | .46 | .335 | 24 | .63 |
| 26* | .63 | .47 | .35 | .36 | .35 | .56 | .49 | .32 | .29 | .31 | .37 | .18 | .15 | .13 | .13 | .12 | .13 | .14 | .15 | .15 | .16 | .19 | .22 | .35 | .278 | 24 | .78 |
| 27 | .41 | .44 | .49 | .49 | .39 | .44 | .48 | .61 | .45 | .49 | .62 | .46 | .35 | .24 | | | .22 | .25 | .23 | .22 | .21 | .20 | .21 | .20 | .367 | 22 | .77 |
| 28 | .21 | .21 | .26 | .29 | .37 | .46 | .53 | .54 | .46 | .44 | .41 | .38 | .43 | .36 | .38 | .39 | .38 | .40 | .29 | .29 | .24 | .23 | .22 | .21 | .348 | 24 | .60 |
| MEAN | .31 | .30 | .30 | .32 | .35 | .38 | .41 | .44 | .41 | .39 | .37 | .29 | .29 | .31 | .30 | .27 | .27 | .26 | .25 | .26 | .27 | .28 | .28 | .29 | .269 | | |
| NO | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 26 | 25 | 25 | 25 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | | 641 | |
| MAX | .79 | .61 | .64 | .87 | .96 | 1.11 | .88 | .85 | .89 | .97 | .79 | .84 | .57 | 1.10 | 1.02 | .75 | .78 | .73 | .70 | .52 | .58 | .63 | .62 | .67 | .653 | | 1.62 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

## Table 3-35. MARCH, HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)
Conductometric Analysis

| DAY OF MONTH | AM 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | PM 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO OF HRS | 5-MIN MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .17 | .15 | .14 | .11 | .15 | .16 | .15 | .58 | .55 | .58 | .62 | .26 | .19 | .19 | .18 | .17 | .17 | .16 | .17 | .16 | .17 | .16 | .18 | .25 | .238 | 24 | .83 |
| 2 | .25 | .34 | .49 | .39 | .41 | .52 | .64 | .65 | .69 | .51 | .57 | .35 | .16 | .18 | .26 | .26 | .29 | .30 | .36 | .31 | .29 | .27 | .26 | .39 | .380 | 24 | .79 |
| 3 | .41 | .38 | .42 | .35 | .35 | .35 | .52 | .48 | .53 | .44 | .29 | .21 | .19 | .24 | .28 | | | .19 | .17 | .12 | .20 | .15 | .13 | .15 | .297 | .22 | .61 |
| 4* | .12 | .11 | .10 | .12 | .09 | .05 | .05 | .04 | .04 | .03 | .03 | .02 | .05 | .06 | .06 | .06 | .04 | .03 | .03 | .04 | .04 | .03 | .04 | .04 | .054 | 24 | .17 |
| 5* | .05 | .05 | .04 | .04 | .03 | .06 | .11 | .11 | .12 | .13 | .13 | .13 | .12 | .13 | .13 | .13 | .19 | .19 | .10 | .10 | .11 | .13 | .14 | .16 | .109 | 24 | .24 |
| 6 | .13 | .15 | .15 | .19 | .20 | .28 | .30 | .31 | .31 | .51 | .36 | .24 | .19 | .22 | .19 | .14 | .07 | .08 | .11 | .10 | .25 | .22 | .18 | .22 | .210 | 24 | .62 |
| 7 | .28 | .35 | .25 | .25 | .22 | .27 | .30 | .22 | .23 | .32 | .33 | .32 | .34 | .32 | .28 | .24 | .27 | .28 | .29 | .25 | .26 | .33 | .33 | .33 | .288 | 24 | .45 |
| 8 | .34 | .25 | .11 | .17 | .16 | .19 | .20 | .24 | .24 | .44 | .73 | .84 | .72 | .68 | .51 | .49 | .51 | .34 | .24 | .33 | .28 | .44 | .42 | .44 | .388 | 24 | 1.12 |
| 9 | .35 | .43 | .42 | .44 | .49 | .51 | .46 | .53 | .48 | .65 | .53 | .28 | .37 | .64 | .28 | .20 | .24 | .23 | .15 | .15 | .42 | .57 | .45 | .28 | .399 | 24 | 1.07 |
| 10 | .33 | .23 | .22 | .23 | .24 | .30 | .32 | .35 | .42 | .41 | .64 | .65 | .35 | .29 | | | | .24 | .21 | .17 | .11 | .08 | .09 | .09 | .285 | 21 | .96 |
| 11* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | .23 | .28 | .25 | .32 | .20 | | | .23 | .23 | .20 | .17 | .13 | .11 | .10 | .09 | .194 | 13 | .36 |
| 14 | .09 | .11 | .11 | .14 | .13 | .17 | .20 | .21 | .19 | .24 | .19 | .15 | .21 | .22 | .23 | .23 | .20 | .21 | .18 | .19 | .17 | .16 | .13 | .13 | .174 | 24 | .30 |
| 15 | .15 | .14 | .13 | .14 | .14 | .16 | .17 | .17 | .14 | .19 | .19 | .25 | .26 | .28 | .33 | .32 | .29 | .30 | .30 | .36 | .25 | .22 | .20 | .29 | .223 | 24 | .50 |
| 16 | .18 | .19 | .23 | .20 | .16 | .29 | .37 | .36 | .22 | .22 | .23 | .15 | .17 | .15 | .15 | .17 | | | .17 | .18 | .19 | .19 | .18 | .18 | .205 | 22 | .48 |
| 17 | .19 | .18 | .19 | .23 | .25 | .30 | .33 | .33 | .35 | .39 | .33 | .30 | .29 | .22 | .17 | .16 | .19 | .18 | .19 | .17 | .30 | .31 | .32 | .34 | .258 | 24 | .45 |
| 18* | .31 | .32 | .35 | .41 | .43 | .40 | .48 | .65 | .35 | .19 | .17 | .15 | .20 | .17 | .19 | .15 | .29 | .21 | .12 | .12 | .13 | .15 | .22 | .22 | .264 | 24 | .82 |
| 19* | .20 | .21 | .18 | .17 | .19 | .21 | .19 | .20 | .15 | .13 | .22 | .21 | .14 | .15 | .19 | .15 | .13 | .11 | .11 | .10 | .15 | .[illegible] | .21 | .19 | .169 | 24 | .40 |
| 20 | .18 | .22 | .19 | .16 | .16 | .22 | .14 | .13 | .09 | .09 | .08 | .06 | .05 | .05 | | .05 | .05 | .10 | .12 | .28 | .26 | .36 | .17 | .13 | .144 | 23 | .46 |
| 21 | .13 | .13 | .13 | .12 | .17 | .19 | .22 | .22 | .20 | .18 | .16 | .17 | .17 | .13 | .16 | .15 | .17 | .16 | .17 | .21 | .17 | .15 | .15 | .17 | .165 | 24 | .25 |
| 22 | .18 | .16 | .19 | .22 | .33 | .41 | .53 | .56 | .42 | .30 | .44 | .61 | .56 | .61 | .41 | .45 | .31 | .40 | .29 | .31 | .34 | .77 | .28 | .17 | .385 | 24 | .98 |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | | .01 | .01 | .01 | .02 | .02 | .03 | .07 | .05 | .02 | .05 | .10 | .04 | .02 | .02 | .02 | .03 | .03 | .04 | .03 | .04 | .02 | .07 | .11 | .036 | 23 | .16 |
| 25* | .09 | .08 | .06 | .07 | .07 | .10 | .11 | .13 | .14 | .20 | .25 | .20 | .24 | .23 | .15 | .12 | .17 | .15 | .06 | .10 | .10 | .08 | .10 | .09 | .128 | 24 | .43 |
| 26* | .05 | .03 | .03 | .02 | .04 | .11 | .14 | .07 | .02 | .04 | .05 | .06 | .05 | .05 | .04 | .02 | .03 | .04 | .02 | .02 | .02 | .07 | .13 | .08 | .051 | 24 | .20 |
| 27 | .06 | .05 | .05 | .05 | .04 | .06 | .09 | .08 | .07 | .08 | .06 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .05 | .03 | .02 | .02 | .02 | .02 | .041 | 24 | .15 |
| 28 | .02 | .07 | .08 | .05 | .04 | .08 | .10 | .14 | .10 | .09 | .07 | .07 | .08 | .[illegible] | .08 | .07 | .06 | .06 | .08 | .11 | .13 | .12 | .11 | .07 | .081 | 24 | .18 |
| 29 | .09 | .07 | .08 | .06 | .02 | .02 | .02 | .03 | .03 | .03 | .02 | .03 | .02 | .03 | .[illegible] | | | .03 | .03 | .04 | .03 | .03 | .04 | .13 | .041 | 22 | .18 |
| 30 | .14 | .08 | .10 | .04 | .04 | .06 | .09 | .10 | .07 | .04 | .04 | .05 | .06 | .[illegible] | .[illegible] | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .051 | 24 | .25 |
| 31 | .02 | .02 | .02 | .03 | .02 | .03 | .05 | .09 | .16 | .17 | .10 | .18 | .13 | .[illegible] | .13 | .04 | .04 | .02 | .04 | .02 | .09 | .14 | .11 | .09 | .079 | 24 | .29 |
| MEAN | .17 | .17 | .16 | .16 | .17 | .20 | .23 | .26 | .24 | .24 | .25 | .22 | .20 | .21 | .18 | .16 | .17 | .16 | .14 | .15 | .17 | .20 | .17 | .17 | .191 | | |
| NO | 26 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 28 | 28 | 28 | 28 | 28 | 25 | 24 | 24 | 27 | 28 | 28 | 28 | 28 | 28 | 28 | | 650 | |
| MAX | .41 | .43 | .49 | .44 | .49 | .52 | .64 | .65 | .69 | .65 | .73 | .84 | .72 | .68 | .51 | .49 | .51 | .40 | .36 | .36 | .42 | .77 | .45 | .44 | .399 | | 1.12 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

**Table 3-36. APRIL, HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)**
**Conductometric Analysis**

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO OF HRS | 5 MIN. MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1* | .09 | .11 | .22 | .20 | .20 | .08 | .05 | .07 | .13 | .11 | .03 | .03 | .03 | .02 | .02 | .02 | .02 | .03 | .03 | .03 | .02 | .02 | .02 | .03 | .066 | 24 | .28 |
| 2* | .06 | .04 | .04 | .07 | .06 | .07 | .10 | .07 | .06 | .06 | .14 | .12 | .10 | .13 | .07 | .06 | .14 | .11 | .02 | .02 | .02 | .02 | .02 | .02 | .066 | 24 | .22 |
| 3 | .02 | .02 | .02 | .03 | .05 | .07 | .10 | .12 | .10 | .09 | .07 | | | | | | | .03 | .01 | .02 | .01 | .01 | .01 | .03 | .044 | 18 | .18 |
| 4 | .02 | .19 | .18 | .05 | .07 | .10 | .10 | .05 | .04 | .04 | .03 | | .01 | .03 | .02 | .01 | .22 | .22 | .48 | .21 | .33 | .31 | .19 | .07 | .129 | 23 | .79 |
| 5 | .07 | .06 | .06 | .06 | .04 | .09 | .14 | .23 | .17 | .21 | .06 | .13 | .04 | .01 | .01 | .01 | .01 | .02 | .07 | .04 | .02 | .01 | .03 | .10 | .071 | 24 | .39 |
| 6 | .04 | .04 | .03 | .04 | .02 | .05 | .06 | .06 | .08 | .03 | .02 | .02 | .02 | .02 | .02 | .03 | .02 | .05 | .04 | .10 | .17 | .03 | .02 | .01 | .041 | 24 | .24 |
| 7 | .02 | .02 | .02 | .02 | .01 | .03 | .06 | .07 | .07 | .06 | .02 | .01 | .03 | .03 | | | .01 | .01 | .02 | .01 | .01 | .02 | .09 | .10 | .032 | 22 | .23 |
| 8* | .06 | .05 | .04 | .04 | .09 | .12 | .23 | .21 | .21 | .04 | .01 | .01 | .02 | .02 | .01 | .02 | .02 | .02 | .03 | .06 | .07 | .06 | .02 | .01 | .062 | 24 | .34 |
| 9* | .02 | .01 | .01 | .07 | .01 | .02 | .02 | .08 | .16 | .04 | .10 | .05 | .04 | .02 | .01 | .00 | .00 | .00 | .00 | .01 | .01 | .01 | .01 | .01 | .027 | 24 | .20 |
| 10 | .01 | .01 | .01 | .01 | .02 | .01 | .01 | .02 | .02 | .02 | .01 | .01 | .02 | .03 | .08 | | | .05 | .06 | .05 | .06 | .04 | .04 | .03 | .027 | 22 | .11 |
| 11 | .04 | .04 | .05 | .03 | .04 | .05 | .04 | .03 | .03 | .02 | .03 | .02 | .02 | .03 | .08 | .09 | .08 | .08 | .08 | .05 | .03 | .03 | .03 | .01 | .042 | 24 | .13 |
| 12 | .02 | .03 | .03 | .02 | .02 | .03 | .03 | .04 | .03 | .02 | .02 | .02 | .02 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .11 | .02 | .01 | .023 | 24 | .23 |
| 13 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .02 | .01 | .01 | .01 | .02 | .03 | .08 | .06 | .03 | .02 | .03 | .06 | .12 | .14 | .03 | .02 | .02 | .032 | 24 | .20 |
| 14 | .02 | .02 | .02 | .02 | .02 | .02 | .10 | .13 | .04 | .03 | .02 | .02 | | | .07 | .12 | .06 | .04 | .16 | .34 | .37 | .37 | .10 | .13 | .100 | 22 | .49 |
| 15* | .14 | .06 | .06 | .12 | .02 | .02 | .02 | .02 | .03 | .02 | .02 | .02 | .02 | .03 | .03 | .04 | .03 | .04 | .04 | .05 | .05 | .05 | .05 | | .042 | 23 | .24 |
| 16* | .05 | .07 | .03 | .03 | .04 | .05 | .03 | .03 | .05 | .04 | .03 | .03 | .02 | .02 | .02 | .02 | .02 | .02 | .03 | .03 | .03 | .03 | .05 | .06 | .035 | 24 | .25 |
| 17 | .19 | .15 | .10 | .16 | .06 | .06 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .03 | | | | .02 | .01 | .01 | .01 | .01 | .01 | .01 | .046 | 21 | .28 |
| 18 | .02 | .01 | .01 | .01 | .02 | .03 | .06 | .06 | .05 | .02 | .02 | .02 | .02 | .02 | .03 | .02 | .01 | .02 | .01 | .01 | .03 | .01 | .01 | .01 | .021 | 24 | .09 |
| 19 | .01 | .00 | .00 | .00 | .00 | .01 | .02 | .03 | .02 | .02 | .02 | .02 | .01 | .01 | .01 | .01 | .01 | .02 | .00 | .00 | .00 | .00 | .00 | .00 | .009 | 24 | .05 |
| 20 | .00 | .00 | .00 | .00 | .01 | .05 | .13 | .14 | .12 | .08 | .03 | .10 | .02 | .05 | .01 | .03 | .06 | .04 | .04 | .04 | .03 | .03 | .03 | .02 | .044 | 24 | .20 |
| 21 | .01 | .02 | .03 | .04 | .12 | .24 | .25 | .35 | .10 | .03 | .02 | .01 | .02 | .05 | | | | .01 | .00 | .01 | .01 | .01 | .05 | .03 | .066 | 21 | .49 |
| 22* | .01 | .01 | .01 | .01 | .02 | .07 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .03 | .02 | .02 | .02 | .02 | .02 | .04 | .08 | .05 | .06 | .04 | .026 | 24 | .10 |
| 23* | .06 | .04 | .03 | .03 | .03 | .05 | .05 | .04 | .02 | .02 | .02 | .01 | .01 | .01 | .01 | .01 | .02 | .02 | .02 | .03 | .03 | .02 | .05 | .11 | .030 | 24 | .16 |
| 24 | .07 | .07 | .09 | .11 | .16 | .27 | .30 | .25 | .8 | .14 | .12 | .10 | .09 | .10 | .11 | .10 | .08 | .03 | .02 | .03 | .03 | .15 | .28 | .22 | .129 | 24 | .38 |
| 25 | .44 | .40 | .41 | .34 | .25 | .33 | .41 | .23 | .08 | .03 | .02 | .02 | .02 | .02 | .03 | .05 | .09 | .10 | .07 | .02 | .02 | .01 | .02 | .01 | .142 | 24 | .51 |
| 26 | .02 | .02 | .01 | .01 | .02 | .02 | .02 | .03 | .03 | .03 | .04 | .09 | .08 | .07 | .08 | .09 | .07 | .07 | .06 | .12 | .13 | .28 | .21 | .24 | .075 | 24 | .36 |
| 27 | .30 | .30 | .31 | .28 | .24 | .24 | .21 | .05 | .02 | .01 | .01 | .01 | .01 | .07 | .02 | .04 | .02 | .01 | .01 | .01 | .01 | .00 | .01 | .03 | .092 | 24 | .36 |
| 28 | .01 | .01 | .01 | .02 | .09 | .24 | .15 | .03 | .03 | .01 | .01 | .01 | .01 | .02 | | | .01 | .01 | .02 | .03 | .08 | .19 | .05 | .02 | .048 | 22 | .37 |
| 29* | .02 | .02 | .01 | .01 | .01 | .02 | .10 | .13 | .02 | .09 | .07 | .03 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .031 | 24 | .19 |
| 30* | .01 | .01 | .01 | .01 | .01 | .02 | .02 | .02 | .02 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .012 | 24 | .02 |
| MEAN | .06 | .06 | .06 | .06 | .06 | .08 | .09 | .09 | .06 | .05 | .04 | .03 | .03 | .03 | .03 | .04 | .04 | .04 | .05 | .05 | .06 | .06 | .05 | .05 | .054 | | |
| NO | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 28 | 28 | 28 | 25 | 24 | 26 | 30 | 30 | 30 | 30 | 30 | 30 | 29 | | 698 | |
| MAX | .44 | .40 | .41 | .34 | .25 | .33 | .41 | .35 | .21 | .21 | .14 | .13 | .10 | .13 | .11 | .12 | .22 | .22 | .48 | .34 | .37 | .37 | .28 | .24 | .142 | | .79 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

## Table 3-37. MAY, HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)
### Conductometric Analysis

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO. OF HRS. | 5-MIN MAX. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .01 | | .05 | .03 | .05 | .11 | .14 | .12 | | .03 | .03 | .13 | .38 | .17 | .17 | .30 | .19 | .03 | .01 | .01 | .12 | .19 | .02 | .01 | .105 | 22 | .64 |
| 2 | .01 | .01 | .01 | .02 | .02 | .04 | .05 | .03 | .04 | .03 | .04 | .05 | .09 | .06 | .06 | .06 | .05 | .02 | .03 | .02 | .05 | .04 | .04 | .03 | .037 | 24 | .17 |
| 3 | .04 | .05 | .07 | .09 | .13 | .21 | .27 | .13 | .09 | .02 | .02 | .03 | .02 | .01 | .01 | .01 | .01 | .02 | .02 | .01 | .02 | .02 | .03 | .03 | .056 | 24 | .34 |
| 4 | .03 | .03 | .02 | .02 | .04 | .08 | .05 | .03 | .02 | .02 | .02 | .02 | .02 | .01 | .01 | .01 | .01 | .01 | .02 | .01 | .01 | .01 | .01 | .01 | .021 | 24 | .12 |
| 5 | .01 | .01 | .01 | .07 | .11 | .02 | .01 | .02 | .02 | .01 | .01 | .01 | .01 | .01 | .02 | .02 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .019 | 24 | .19 |
| 6* | .01 | .01 | .01 | .01 | .01 | .01 | .02 | .02 | .02 | .02 | .01 | .01 | .01 | .02 | .02 | .02 | .02 | .01 | .01 | .01 | .01 | .01 | .02 | .01 | .013 | 24 | .04 |
| 7* | .01 | .01 | .01 | .01 | .01 | .03 | .02 | .01 | .02 | .01 | .02 | .01 | .01 | .02 | .01 | .05 | .08 | .14 | .13 | .02 | .05 | .04 | .01 | .01 | .031 | 24 | .42 |
| 8 | .01 | .01 | .01 | .01 | .02 | .06 | .09 | .04 | .03 | .02 | | .02 | .02 | .02 | .02 | .02 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .021 | 23 | .13 |
| 9 | .03 | .02 | .01 | .03 | .07 | .11 | .13 | .09 | .03 | .03 | .02 | .02 | .02 | .02 | .01 | .01 | .02 | .01 | .01 | .02 | .14 | .36 | .35 | .40 | .080 | 24 | .50 |
| 10 | .34 | .27 | .21 | .03 | .01 | .01 | | .01 | .02 | .01 | .01 | .01 | .01 | .01 | .02 | .02 | .01 | .03 | .02 | .03 | .01 | .01 | .02 | .04 | .049 | 23 | .40 |
| 11 | .01 | .02 | .04 | .02 | .04 | .14 | .15 | .09 | .05 | .03 | .05 | .04 | .07 | .08 | .07 | .07 | .07 | .02 | .02 | .02 | .02 | .01 | .01 | .01 | .047 | 24 | .20 |
| 12 | .01 | .02 | .02 | .02 | .03 | .04 | .03 | .03 | .02 | .04 | .04 | .02 | .02 | .02 | .02 | .01 | .01 | .01 | .01 | .01 | .01 | .02 | .02 | .02 | .020 | 24 | .05 |
| 13* | .02 | .03 | .02 | .02 | .05 | .05 | .03 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .01 | .01 | .01 | .01 | .02 | .01 | .01 | .021 | 24 | .12 |
| 14* | .02 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .02 | .01 | .01 | .02 | .04 | .02 | .02 | .02 | .013 | 24 | .10 |
| 15 | .04 | .07 | .10 | .03 | .02 | .03 | .04 | .04 | .03 | .02 | .03 | .02 | .02 | | | | .02 | .01 | .02 | .03 | .01 | .02 | .11 | .32 | .048 | 21 | .42 |
| 16 | .29 | .19 | .40 | .59 | .15 | .12 | .32 | .14 | .10 | .11 | .10 | .12 | .09 | .05 | .03 | .02 | .02 | .01 | .01 | .01 | .02 | .03 | .03 | .14 | .129 | 24 | .84 |
| 17 | .14 | .10 | .26 | .14 | .22 | .36 | .21 | .13 | .06 | .03 | .03 | .02 | .02 | .02 | .04 | .02 | .04 | .04 | .03 | .06 | .09 | .09 | .10 | .20 | .101 | 24 | .45 |
| 18 | .20 | .26 | .34 | .29 | .28 | .35 | .35 | .21 | .20 | .25 | .34 | .30 | .27 | .38 | .32 | .34 | .32 | .24 | .09 | .22 | .21 | .09 | .07 | .26 | .257 | 24 | .61 |
| 19 | .06 | .04 | .05 | .06 | .07 | .09 | .06 | .05 | .07 | .06 | .04 | .03 | .04 | .03 | .03 | .03 | .02 | .02 | .03 | .03 | .04 | .05 | .04 | .03 | .044 | 24 | .12 |
| 20* | .05 | .04 | .04 | .04 | .05 | .08 | .09 | .08 | .06 | .05 | .04 | .03 | .03 | .03 | .02 | .03 | .03 | .02 | .02 | .02 | .05 | .09 | .08 | .09 | .046 | 24 | .12 |
| 21* | .09 | .08 | .10 | .10 | .13 | .14 | .16 | .16 | .11 | .11 | .04 | .07 | .07 | .05 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .02 | .02 | .071 | 24 | .25 |
| 22 | .02 | .03 | .03 | .03 | .04 | .05 | .07 | .07 | .07 | .07 | .08 | .08 | .10 | .10 | | .07 | .04 | .06 | .05 | .04 | .03 | .03 | .02 | .02 | .051 | 23 | .14 |
| 23 | .06 | .09 | .10 | .13 | .16 | .19 | .16 | .13 | .14 | .11 | .14 | .10 | .09 | .07 | .05 | .05 | .04 | .08 | .11 | .10 | .09 | .06 | .07 | .08 | .099 | 24 | .31 |
| 24 | .06 | .11 | .12 | .13 | .20 | .20 | .20 | .06 | .06 | .04 | .08 | .12 | .09 | .08 | .07 | .06 | .06 | .06 | .06 | .05 | .06 | .05 | .05 | .07 | .089 | 24 | .27 |
| 25 | .07 | .04 | .03 | .05 | .07 | .09 | .12 | .07 | .14 | .07 | .06 | .05 | .05 | .06 | .07 | .06 | .05 | .05 | .03 | .03 | .04 | .05 | .03 | .03 | .059 | 24 | .27 |
| 26 | .03 | .08 | .05 | .02 | .04 | .23 | .15 | .12 | .09 | .09 | .06 | .06 | .08 | | | | .27 | .28 | .16 | .08 | .10 | .87 | .32 | .39 | .169 | 21 | 1.46 |
| 27* | .43 | .44 | .38 | .13 | .04 | .05 | .04 | .03 | .03 | .03 | .03 | .02 | .02 | .02 | .02 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .075 | 24 | .49 |
| 28* | .01 | .01 | .01 | .02 | .03 | .01 | .01 | .01 | .01 | .01 | .02 | .02 | .02 | .01 | .01 | .02 | .02 | .02 | .02 | .01 | .01 | .01 | .01 | .01 | .014 | 24 | .03 |
| 29 | .01 | .01 | .01 | .01 | .02 | .02 | .03 | .03 | .05 | .06 | .06 | .05 | .05 | .05 | .05 | .04 | .04 | .04 | .03 | .03 | .03 | .03 | .02 | .01 | .032 | 24 | .07 |
| 30 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .02 | .02 | .02 | .02 | .02 | .03 | .03 | .02 | .02 | .02 | .01 | .01 | .01 | .01 | .01 | .016 | 24 | .03 |
| 31 | .01 | .01 | .01 | .01 | .02 | .04 | .05 | .04 | .04 | .04 | .04 | .05 | .05 | .05 | .04 | .03 | .03 | .02 | .02 | .02 | .01 | .01 | .01 | .01 | .028 | 24 | .08 |
| MEAN | .07 | .07 | .08 | .07 | .07 | .10 | .10 | .07 | .05 | .05 | .05 | .05 | .06 | .05 | .05 | .05 | .05 | .04 | .03 | .03 | .04 | .07 | .05 | .07 | .060 | | |
| NO | 31 | 30 | 31 | 31 | 31 | 31 | 30 | 31 | 30 | 31 | 30 | 31 | 31 | 29 | 28 | 29 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | 733 | |
| MAX | .43 | .44 | .40 | .59 | .28 | .36 | .35 | .21 | .20 | .25 | .34 | .30 | .38 | .38 | .32 | .34 | .32 | .28 | .16 | .22 | .21 | .87 | .35 | .40 | .257 | | 1.46 |

TABULATED SAT., JUN. 22, 1968

* Indicates Saturday or Sunday

Local standard time used

## Table 3-38. JUNE, HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)
### Conductometric Analysis

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO. OF HRS | 5-MIN. MAX. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .01 | .01 | .01 | .01 | .02 | .03 | .05 | .05 | .06 | .09 | .08 | .08 | .08 | .06 | .05 | .05 | .04 | .03 | .04 | .03 | .02 | .03 | .03 | .02 | .040 | 24 | .11 |
| 2 | .02 | .04 | .07 | .05 | .05 | .08 | .08 | .06 | .09 | .10 | .09 | .09 | .03 | | .04 | .04 | .04 | .03 | .03 | .03 | .03 | .04 | .04 | .04 | .053 | 23 | .12 |
| 3* | .03 | .02 | .11 | .14 | .28 | .13 | .12 | .08 | .06 | .08 | .08 | .08 | .07 | .11 | .09 | .09 | .10 | .06 | .07 | .05 | .04 | .04 | .05 | .11 | .086 | 24 | .39 |
| 4* | .30 | .30 | .19 | .10 | .13 | .16 | .13 | .13 | .09 | .17 | .08 | .05 | .05 | .05 | .05 | .18 | .04 | .04 | .03 | .02 | .02 | .02 | .03 | .08 | .101 | 24 | .74 |
| 5 | .11 | .10 | .11 | .11 | .14 | .14 | .12 | .11 | .07 | .07 | .05 | .03 | .02 | .03 | | .01 | .02 | .02 | .01 | .02 | .02 | .04 | .04 | .02 | .061 | 23 | .18 |
| 6 | .01 | .01 | .03 | .08 | .13 | .12 | .12 | .15 | .18 | .12 | .07 | .05 | .04 | .04 | .03 | .19 | .09 | .03 | .04 | .04 | .04 | .18 | .22 | .07 | .086 | 24 | .41 |
| 7 | .09 | .05 | .09 | .08 | .07 | .16 | .10 | .07 | .10 | .07 | .15 | .13 | .05 | .07 | .04 | .04 | .04 | .03 | .03 | .08 | .10 | .06 | .03 | .06 | .073 | 24 | .28 |
| 8 | .04 | .04 | .03 | .03 | .04 | .08 | .20 | .17 | .07 | .16 | .16 | .12 | .11 | .11 | .12 | .18 | .18 | .10 | .06 | .03 | .04 | .19 | .14 | .05 | .101 | 24 | .41 |
| 9 | .04 | .03 | .05 | .05 | .09 | .25 | .38 | .12 | .19 | .14 | .13 | .07 | .09 | .04 | .08 | .10 | .04 | .04 | .13 | .18 | .20 | .10 | .10 | .05 | .111 | 24 | .44 |
| 10* | .05 | .04 | .04 | .05 | .07 | .12 | .20 | .07 | .06 | .04 | .03 | .03 | .03 | .02 | .02 | .03 | .03 | .03 | .02 | .03 | .03 | .03 | .04 | .12 | .051 | 24 | .30 |
| 11* | .06 | .05 | .05 | .03 | .03 | .04 | .04 | .04 | .05 | .04 | .03 | .03 | .03 | .03 | .02 | .02 | .03 | .05 | .07 | .05 | .06 | .06 | .04 | .05 | .040 | 24 | .09 |
| 12 | .05 | .04 | .03 | .04 | .07 | .05 | .06 | .08 | .18 | .13 | .06 | .14 | .05 | | | .06 | .12 | .05 | .11 | .09 | .09 | .24 | .07 | .06 | .084 | 22 | .45 |
| 13 | .05 | .06 | .13 | .10 | .09 | .04 | .06 | .08 | .09 | .09 | .09 | .11 | .10 | .08 | .28 | .20 | .21 | .08 | .07 | .06 | .05 | .04 | .05 | .05 | .094 | 24 | .55 |
| 14 | .05 | .05 | .05 | .05 | .05 | .08 | .19 | .33 | .33 | .29 | .25 | .18 | .14 | .19 | .12 | .07 | .06 | .12 | .15 | .19 | .31 | .12 | .12 | .06 | .151 | 24 | .65 |
| 15 | .05 | .12 | .14 | .05 | .07 | .15 | .20 | .28 | .46 | .45 | .30 | .12 | .18 | .21 | .14 | .22 | .24 | .21 | .14 | .14 | .16 | .31 | .11 | .42 | .202 | 24 | .58 |
| 16 | .22 | .29 | .16 | .16 | .24 | .20 | .09 | .07 | .08 | .17 | .23 | .13 | | | | .29 | .11 | .10 | .05 | .04 | .03 | .14 | .13 | .08 | .143 | 21 | .43 |
| 17* | .11 | .15 | .09 | .13 | .16 | .07 | .05 | .05 | .04 | .03 | .03 | .03 | .04 | .05 | .03 | .03 | .03 | .03 | .02 | .02 | .03 | .03 | .03 | .03 | .054 | 24 | .20 |
| 18* | .03 | .03 | .03 | .03 | .04 | .05 | .04 | .04 | .03 | .03 | .03 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .027 | 24 | .07 |
| 19 | .02 | .01 | .01 | .01 | .01 | .03 | .03 | .03 | .02 | .02 | .03 | .04 | .03 | | | .03 | .03 | .02 | .02 | .02 | .02 | .03 | .14 | .10 | .032 | 22 | .22 |
| 20 | .04 | .04 | .05 | .11 | .06 | .04 | .06 | .07 | .05 | .03 | .02 | .03 | .03 | .02 | .02 | .02 | .01 | .01 | .01 | .01 | .01 | .01 | .02 | .04 | .034 | 24 | .15 |
| 21 | .21 | .31 | .39 | .14 | .11 | .09 | .08 | .09 | .17 | .18 | .14 | .10 | .05 | .04 | .04 | .05 | .07 | .05 | .05 | .05 | .06 | .09 | .09 | .09 | .114 | 24 | .43 |
| 22 | .06 | .04 | .05 | .03 | .04 | .05 | .04 | .04 | .03 | .03 | .04 | .04 | .02 | .01 | .01 | .01 | .01 | .01 | .00 | .01 | .01 | .04 | .14 | .06 | .034 | 24 | .19 |
| 23 | .06 | .06 | .08 | .09 | .05 | .05 | .19 | .25 | .38 | | | | | .09 | .10 | .10 | .11 | .12 | .10 | .10 | .10 | .03 | .03 | .02 | .105 | 20 | .54 |
| 24* | .02 | .02 | .02 | .01 | .02 | .02 | .01 | .01 | .01 | .01 | .01 | .01 | .02 | .02 | .03 | .03 | .03 | .02 | .01 | .01 | .01 | .03 | .03 | .05 | .019 | 24 | .07 |
| 25* | .03 | .02 | .01 | .01 | .01 | .02 | .02 | .02 | .03 | .02 | .01 | .01 | .02 | .01 | .01 | .01 | .01 | .02 | .01 | .01 | .02 | .04 | .09 | .12 | .024 | 24 | .15 |
| 26 | .16 | .13 | .10 | .10 | .10 | .14 | .11 | .09 | .08 | .04 | .02 | .02 | .02 | .01 | .03 | .02 | .02 | .01 | .02 | .02 | .02 | .04 | .03 | .02 | .055 | 24 | .20 |
| 27 | .05 | .12 | .13 | .06 | .07 | .07 | .32 | .14 | .23 | .07 | .05 | .05 | .03 | .03 | .02 | .03 | .01 | .01 | .01 | .03 | .04 | .03 | .03 | .01 | .068 | 24 | .65 |
| 28 | .05 | .06 | .08 | .03 | .02 | .08 | .03 | .02 | .02 | .02 | .03 | .02 | .03 | .05 | .05 | .06 | .04 | .03 | .02 | .02 | .03 | .05 | .05 | .03 | .037 | 24 | .12 |
| 29 | .07 | .07 | .11 | .18 | .09 | .08 | .09 | .06 | .04 | .03 | .02 | .01 | .02 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .05 | .09 | .09 | .06 | .057 | 24 | .24 |
| 30 | .09 | .16 | .10 | .05 | .03 | .03 | .04 | .04 | .02 | .03 | .02 | .02 | .02 | .02 | .02 | .02 | .01 | .02 | .01 | .01 | .02 | .03 | .07 | .10 | .041 | 24 | .17 |
| MEAN | .07 | .08 | .08 | .07 | .08 | .09 | .11 | .09 | .11 | .09 | .08 | .06 | .05 | .05 | .06 | .07 | .06 | .05 | .05 | .05 | .05 | .07 | .07 | .07 | .072 | | |
| NO | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 29 | 29 | 29 | 28 | 26 | 26 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | 707 | |
| MAX | .30 | .31 | .39 | .18 | .28 | .25 | .38 | .33 | .46 | .45 | .30 | .18 | .18 | .21 | .28 | .29 | .24 | .21 | .15 | .19 | .31 | .31 | .22 | .42 | .202 | | .74 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

Table 3-39. JULY, HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)
Conductometric Analysis

| DAY OF MONTH | AM 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | PM 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO OF HRS | 5-MIN MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1* | .20 | .18 | .14 | .11 | .15 | .08 | .08 | .05 | .12 | .07 | .10 | .09 | .03 | .07 | .04 | .03 | .02 | .01 | .02 | .01 | .01 | .02 | .02 | .01 | .069 | 24 | .35 |
| 2* | .01 | .02 | .03 | .03 | .02 | .01 | .02 | .02 | .02 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .03 | .01 | .01 | .01 | .01 | .02 | .02 | .02 | .016 | 24 | .07 |
| 3 | .02 | .02 | .02 | .02 | .02 | .03 | .04 | .05 | .04 | .02 | .01 | .01 | .02 | .01 | .01 | .01 | .01 | .01 | .02 | .01 | .03 | .03 | .03 | .04 | .021 | 24 | .06 |
| 4 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .02 | .00 | .00 | .00 | .00 | .01 | .00 | .00 | .00 | .00 | .01 | .01 | .01 | .01 | .00 | .00 | .012 | 24 | .05 |
| 5 | .00 | .00 | .00 | .00 | .00 | .01 | .01 | .01 |  | .00 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .00 | .01 | .01 | .00 | .006 | 23 | .04 |
| 6 | .00 | .00 | .00 | .00 | .01 | .01 | .01 | .01 | .02 | .01 | .02 | .02 | .02 | .03 | .03 | .03 | .02 | .01 | .01 | .02 | .01 | .01 | .01 | .01 | .012 | 24 | .04 |
| 7 | .01 | .01 | .01 | .01 | .01 | .03 | .02 | .02 | .02 | .01 | .01 | .02 | .02 | .02 | .02 | .02 | .02 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .013 | 24 | .06 |
| 8* | .01 | .03 | .05 | .04 | .04 | .04 | .13 | .19 | .13 | .06 | .06 | .08 | .05 | .02 | .02 | .02 | .02 | .03 | .03 | .02 | .02 | .03 | .04 | .06 | .050 | 24 | .24 |
| 9* | .08 | .05 | .14 | .14 | .15 | .12 | .13 | .08 | .11 | .04 | .03 | .02 | .02 | .02 | .02 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .02 | .053 | 24 | .19 |
| 10 | .02 | .03 | .02 | .02 | .03 | .04 | .05 | .03 | .02 | .02 |  | .02 | .02 | .02 |  |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .016 | 21 | .06 |
| 11 | .01 | .01 | .01 | .04 | .04 | .08 | .08 | .11 | .14 | .04 | .06 | .05 | .03 | .03 | .03 | .01 | .13 | .03 | .01 | .01 | .02 | .02 | .02 | .03 | .043 | 24 | .22 |
| 12 | .05 | .02 | .02 | .02 | .04 | .04 | .03 | .03 | .03 | .01 | .01 | .01 | .00 | .00 | .01 | .01 | .01 | .01 | .01 | .02 | .02 | .02 | .02 | .02 | .018 | 24 | .06 |
| 13 | .02 | .02 | .04 | .02 | .02 | .02 | .02 | .03 | .02 | .01 | .02 | .01 | .01 | .01 | .02 | .01 | .02 | .01 | .01 | .02 | .02 | .03 | .04 | .04 | .020 | 24 | .08 |
| 14 | .02 | .02 | .02 | .03 | .02 | .03 | .03 | .03 | .02 | .01 | .01 |  |  | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .011 | 22 | .07 |
| 15* | .00 | .00 | .00 | .00 | .01 | .01 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .001 | 24 | .03 |
| 16* | .06 | .04 | .01 | .00 | .04 | .04 | .01 | .08 | .12 | .06 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .01 | .01 | .00 | .021 | 24 | .19 |
| 17 | .00 | .01 | .02 | .05 | .09 | .08 | .20 | .21 | .08 | .07 | .07 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .01 | .05 | .07 | .08 | .09 | .05 | .051 | 24 | .28 |
| 18 | .05 | .06 | .09 | .11 | .11 | .09 | .12 | .15 | .13 | .19 | .26 | .11 | .08 | .16 | .22 | .08 | .04 | .12 | .07 | .04 | .04 | .11 | .34 | .14 | .121 | 24 | .54 |
| 19 | .01 | .01 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .001 | 24 | .02 |
| 20 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |  |  | .00 | .01 | .00 | .00 | .00 | .00 | .00 | .00 | .001 | 22 | .02 |
| 21 | .00 | .01 | .10 | .23 | .12 | .11 | .09 | .05 | .13 | .31 | .17 | .12 | .14 | .04 | .04 | .02 | .01 | .08 | .12 | .14 | .09 | .06 | .13 | .12 | .103 | 24 | .72 |
| 22* | .10 | .09 | .07 | .09 | .15 | .14 | .24 | .24 | .16 | .25 | .22 | .10 | .09 | .10 | .09 | .11 | .16 | .11 | .07 | .11 | .13 | .11 | .05 | .03 | .124 | 24 | .36 |
| 23* | .11 | .11 | .09 | .11 | .13 | .04 | .01 | .05 | .05 | .04 | .05 | .05 | .08 | .08 | .11 | .08 | .11 | .09 | .05 | .03 | .05 | .05 | .02 | .01 | .065 | 24 | .20 |
| 24 | .01 | .01 | .00 | .08 | .05 | .02 | .03 | .05 | .02 | .07 |  | .02 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .02 | .07 | .03 | .03 | .03 | .024 | 23 | .17 |
| 25 | .02 | .03 | .05 | .04 | .04 | .06 | .09 | .05 | .07 | .03 | .03 | .02 | .01 | .01 | .01 | .01 | .00 | .00 | .00 | .00 | .01 | .08 | .12 | .07 | .036 | 24 | .16 |
| 26 | .07 | .08 | .09 | .06 | .11 | .15 | .09 | .10 | .23 | .30 | .06 | .01 | .06 | .08 | .08 | .06 | .05 | .04 | .12 | .12 | .21 | .14 | .14 | .04 | .100 | 24 | .39 |
| 27 | .15 | .11 | .18 | .08 | .03 | .03 | .03 | .05 | .08 | .30 | .11 | .05 | .04 |  |  |  | .02 | .02 | .01 | .01 | .00 | .00 | .00 | .00 | .061 | 21 | .54 |
| 28 | .00 | .00 | .00 | .00 | .00 | .00 | .01 | .01 | .01 | .02 | .02 | .01 | .01 | .01 | .01 | .02 | .01 | .00 | .01 | .00 | .00 | .00 | .00 | .01 | .007 | 24 | .09 |
| 29* | .04 | .06 | .06 | .03 | .09 | .12 | .16 | .14 | .07 | .03 | .02 | .01 | .01 | .03 | .06 | .08 | .09 | .04 | .05 | .08 | .09 | .14 | .08 | .09 | .071 | 24 | .31 |
| 30* | .08 | .02 | .01 | .03 | .01 | .01 | .03 | .04 | .03 | .01 | .03 | .02 | .03 | .02 | .01 | .01 | .01 | .01 | .01 | .01 | .00 | .00 | .00 | .00 | .017 | 24 | .10 |
| 31 | .00 | .00 | .01 | .03 | .00 | .05 | .02 | .03 | .01 | .01 | .01 | .02 | .01 | .01 | .01 | .00 | .01 | .00 | .01 | .01 | .00 | .00 | .00 | .00 | .010 | 24 | .08 |
| MEAN | .04 | .03 | .04 | .05 | .05 | .05 | .06 | .06 | .06 | .04 | .05 | .03 | .03 | .03 | .03 | .02 | .03 | .02 | .02 | .02 | .03 | .03 | .04 | .03 | .038 |  |  |
| NO | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 31 | 29 | 30 | 30 | 30 | 28 | 28 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 |  | 732 |  |
| MAX | .20 | .18 | .18 | .23 | .15 | .15 | .24 | .24 | .23 | .31 | .26 | .12 | .14 | .16 | .22 | .11 | .16 | .12 | .12 | .14 | .21 | .14 | .34 | .14 | .124 |  | .72 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

**Table 3-40. AUGUST, HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)**
**Conductometric Analysis**

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO OF HRS | 5 MIN MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .00 | .00 | .00 | .00 | .00 | .01 | .00 | .01 | .02 | .03 | .01 | .01 | .01 | .01 | .02 | .01 | .02 | .01 | .00 | .00 | .00 | .06 | .11 | .10 | .018 | 24 | .12 |
| 2 | .09 | .03 | .02 | .03 | .07 | .07 | | .08 | .23 | .13 | .03 | .03 | .02 | .02 | .02 | .04 | .03 | .02 | .01 | .01 | .01 | .00 | .01 | .01 | .043 | 23 | .37 |
| 3 | .01 | .00 | .00 | .00 | .04 | .12 | .23 | .19 | .13 | .03 | .14 | .10 | .13 | .14 | .19 | .11 | .22 | .11 | .03 | .03 | .04 | .09 | .05 | .04 | .090 | 24 | .40 |
| 4 | .05 | .03 | .04 | .05 | .03 | .04 | .07 | .07 | .04 | .03 | .02 | .02 | | | | | .02 | .01 | .01 | .01 | .01 | .01 | .00 | .00 | .027 | 20 | .09 |
| 5* | .00 | .00 | .03 | .06 | .07 | .08 | .08 | .16 | .17 | .25 | .14 | .06 | .04 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .00 | .01 | .05 | .053 | 24 | .29 |
| 6* | .04 | .05 | .05 | .09 | .09 | .05 | .07 | .16 | .25 | .14 | .11 | .13 | .09 | .02 | .02 | .02 | .02 | .03 | .02 | .02 | .02 | .01 | .01 | .01 | .062 | 24 | .46 |
| 7 | .07 | .05 | .08 | .05 | .10 | .08 | .11 | .06 | .03 | .03 | .02 | .01 | .02 | .01 | .01 | .01 | .01 | .00 | .01 | .01 | .01 | .00 | .00 | .00 | .033 | 24 | .19 |
| 8 | .00 | .00 | .00 | .00 | .00 | .00 | .05 | .15 | .04 | .00 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .05 | .06 | .13 | .14 | | | .02 | .032 | 22 | .19 |
| 9 | .01 | .02 | .01 | .02 | .02 | .02 | .02 | .03 | .04 | .03 | .03 | .02 | | | | | .02 | .01 | .00 | .00 | .00 | .00 | .01 | .00 | .015 | 20 | .05 |
| 10 | .00 | .00 | .00 | .00 | .03 | .08 | .07 | .05 | .03 | .03 | .02 | .02 | .01 | .01 | .01 | .01 | .01 | .01 | .00 | .00 | .01 | .01 | .00 | .00 | .017 | 24 | .09 |
| 11 | .00 | .00 | .00 | .00 | .00 | .01 | .02 | .02 | .02 | .01 | .01 | .01 | .01 | .01 | .02 | .02 | .01 | .00 | .00 | .00 | .00 | .00 | .00 | .01 | .007 | 24 | .04 |
| 12* | .00 | .05 | .07 | .15 | .07 | .06 | .07 | .06 | .03 | .01 | .00 | .00 | .01 | .01 | .00 | .01 | .01 | .00 | .01 | .01 | .01 | .02 | .02 | .01 | .028 | 24 | .22 |
| 13* | .06 | .08 | .06 | .05 | .04 | .06 | .07 | .06 | .04 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .02 | .01 | .01 | .01 | .01 | .01 | .03 | .09 | .032 | 24 | .19 |
| 14 | .18 | .14 | .10 | .12 | .18 | .16 | .13 | .08 | .21 | .11 | .19 | .11 | .15 | .16 | | .09 | .09 | .10 | .13 | .08 | .07 | .07 | .07 | .07 | .121 | 23 | .37 |
| 15 | .06 | .05 | .10 | .05 | .15 | .05 | .06 | .12 | .40 | .48 | .28 | .26 | .16 | .15 | .16 | .13 | .18 | .13 | .16 | .09 | .10 | .04 | .07 | .10 | .147 | 24 | .69 |
| 16 | .07 | .11 | .10 | .06 | .07 | .07 | .08 | .07 | .08 | .05 | .06 | .04 | .05 | .14 | .12 | .17 | .13 | .12 | .12 | .06 | .04 | .04 | .04 | .04 | .078 | 24 | .43 |
| 17 | .07 | .10 | .07 | .09 | .10 | .17 | .28 | .26 | .20 | .27 | .19 | .18 | .07 | .14 | .23 | | | | | | | | | | .160 | 15 | .48 |
| 18 | | | | | | | | | | .20 | .14 | .15 | .06 | .08 | | .01 | .00 | .00 | .00 | .00 | .01 | .00 | .00 | .00 | .046 | 14 | .27 |
| 19* | .00 | .00 | .00 | .00 | .00 | .01 | .02 | .02 | .03 | .03 | .03 | .04 | .04 | .03 | .02 | .03 | .02 | .01 | .02 | .04 | .04 | .04 | .04 | .03 | .022 | 24 | .07 |
| 20* | .02 | .03 | .03 | .04 | .03 | .03 | .03 | .04 | .04 | .03 | .02 | .02 | .02 | .02 | .01 | .02 | .01 | .02 | .02 | .08 | .07 | .10 | .12 | .05 | .036 | 24 | .14 |
| 21 | .06 | .11 | .07 | .15 | .12 | .16 | .27 | .25 | .12 | .19 | .21 | .18 | .11 | .09 | .12 | .09 | .03 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .099 | 24 | .37 |
| 22 | .01 | .01 | .01 | .01 | .01 | .02 | .03 | .02 | .02 | .01 | .02 | .03 | .03 | .02 | .02 | .02 | .02 | .02 | .01 | .01 | .01 | .01 | .01 | .01 | .016 | 24 | .04 |
| 23 | .01 | .01 | .01 | .03 | .04 | .04 | .04 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .02 | .02 | .02 | .02 | .02 | .026 | 24 | .05 |
| 24 | .02 | .02 | .02 | .02 | .02 | .03 | .03 | .04 | .04 | .03 | .04 | .05 | .03 | .03 | .03 | .03 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .027 | 24 | .19 |
| 25 | .02 | .02 | .02 | .02 | .04 | .09 | .12 | .12 | .17 | | .10 | .05 | .05 | | | .02 | .02 | .01 | .01 | .00 | .01 | .01 | .01 | .01 | .043 | 21 | .23 |
| 26* | .01 | .01 | .06 | .08 | .07 | .05 | .10 | .13 | .11 | .06 | .08 | .09 | .17 | .12 | .03 | .01 | .00 | .00 | .00 | .00 | .00 | .01 | .00 | .00 | .049 | 24 | .25 |
| 27* | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .02 | .02 | .02 | .03 | .03 | .010 | 24 | .05 |
| 28 | .03 | .02 | .02 | .02 | .05 | .11 | .15 | .17 | .17 | .07 | .03 | .04 | .03 | .02 | .02 | .03 | .03 | .02 | .02 | .04 | .05 | .05 | .14 | .14 | .060 | 24 | .38 |
| 29 | .12 | .12 | .13 | .19 | .26 | .20 | .19 | .30 | .43 | .50 | .23 | .42 | .24 | .23 | .27 | .14 | .16 | .07 | .07 | .12 | .04 | .09 | .10 | .07 | .194 | 24 | .63 |
| 30 | .04 | .03 | .03 | .02 | .02 | .03 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .03 | .03 | .03 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .023 | 24 | .05 |
| 31 | .01 | .01 | .01 | .01 | .01 | .02 | .02 | .02 | .02 | .03 | .02 | | | | .01 | .01 | .01 | .00 | .01 | .01 | .00 | .00 | .00 | .00 | .011 | 21 | .04 |
| MEAN | .03 | .04 | .04 | .05 | .06 | .06 | .08 | .09 | .10 | .09 | .07 | .07 | .06 | .06 | .05 | .04 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .052 | | |
| NO. | 30 | 30 | 30 | 30 | 30 | 30 | 29 | 30 | 30 | 30 | 31 | 30 | 28 | 27 | 26 | 28 | 30 | 30 | 30 | 30 | 30 | 29 | 29 | 30 | | 707 | |
| MAX | .18 | .14 | .13 | .19 | .26 | .20 | .28 | .30 | .43 | .50 | .28 | .42 | .24 | .23 | .27 | .17 | .22 | .13 | .16 | .13 | .14 | .10 | .14 | .14 | .194 | | .69 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

## Table 3-41. SEPTEMBER, HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)
### Conductometric Analysis

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO OF HRS | 5-MIN MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .00 | .00 | .00 | .00 | .04 | .04 | .03 | .03 | .01 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .01 | .00 | .00 | .00 | .00 | .01 | .01 | .00 | .007 | 24 | .06 |
| 2* | .00 | .00 | .00 | .00 | .01 | .01 | .01 | .00 | .00 | .01 | .01 | .01 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .002 | 24 | .01 |
| 3* | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .01 | .01 | .00 | .00 | .00 | .00 | .01 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .001 | 24 | .11 |
| 4 | .00 | .00 | .00 | .00 | .00 | .00 | .05 | .10 | .04 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .007 | 24 | .18 |
| 5 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .000 | 23 | .01 |
| 6 | .00 | .00 | .00 | .02 | .02 | .02 | .02 | .01 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .004 | 24 | .03 |
| 7 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .000 | 24 | .01 |
| 8 | .00 | .00 | .01 | .06 | .04 | .10 | .10 | .07 | .11 | .05 | .01 | | | | | .10 | .06 | .02 | .01 | .08 | .09 | .06 | .08 | .07 | .055 | 20 | .19 |
| 9* | .07 | .10 | .15 | .15 | .04 | .02 | .01 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .022 | 24 | .21 |
| 10* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | .00 | .00 | .20 | .36 | .30 | .10 | .11 | .14 | .10 | .10 | .22 | .08 | .01 | .01 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .02 | .01 | .02 | .074 | 24 | .39 |
| 13 | .03 | .02 | .01 | .01 | .01 | .01 | .02 | .02 | .02 | .03 | .01 | .01 | .01 | .00 | .00 | .00 | .00 | .00 | .00 | .01 | .01 | .01 | .02 | .02 | .010 | 24 | .04 |
| 14 | .01 | .01 | .01 | .01 | .02 | .02 | .03 | .03 | .03 | .04 | .05 | .02 | .01 | .01 | .01 | .05 | .07 | .05 | .03 | .06 | .06 | .09 | .04 | .02 | .033 | 24 | .10 |
| 15 | .05 | .07 | .04 | .02 | .03 | .03 | .04 | .05 | .05 | .02 | .02 | .02 | .01 | | | .01 | .01 | .02 | .02 | .04 | .02 | .01 | .02 | .02 | .028 | 22 | .10 |
| 16* | .03 | .02 | .02 | .02 | .01 | .00 | .01 | .01 | .01 | .02 | .02 | .01 | .01 | .02 | .01 | .00 | .01 | .01 | .00 | .01 | .01 | .01 | .01 | .02 | .012 | 24 | .05 |
| 17* | .03 | .02 | .02 | .02 | .00 | .01 | .01 | .01 | .00 | .00 | .01 | .01 | .01 | .00 | .01 | .01 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .007 | 24 | .03 |
| 18 | .00 | .00 | .01 | .00 | .00 | .01 | .01 | .01 | .01 | .04 | .01 | .01 | .01 | .02 | | .01 | .01 | .01 | .00 | .00 | .00 | .00 | .04 | .02 | .010 | 23 | .08 |
| 19 | .04 | .04 | .02 | .02 | .03 | .03 | .02 | .03 | .03 | .02 | .02 | .02 | .02 | .13 | .09 | .31 | .20 | .02 | .01 | .01 | .01 | .02 | .02 | .06 | .050 | 24 | .53 |
| 20 | .04 | .03 | .04 | .04 | .06 | .11 | .14 | .15 | .10 | .27 | .24 | .22 | .23 | .20 | .15 | .32 | .09 | .29 | .39 | .13 | .03 | .10 | .07 | .01 | .143 | 24 | .66 |
| 21 | .01 | .01 | .01 | .01 | .01 | .02 | .02 | .02 | .03 | .05 | .03 | .03 | .03 | .03 | .02 | .03 | .01 | .02 | .02 | .00 | .00 | .00 | .00 | .00 | .017 | 24 | .07 |
| 22 | .00 | .00 | .00 | .00 | .00 | .00 | .01 | .01 | .00 | .00 | .00 | .01 | .01 | .00 | .00 | .00 | .01 | .01 | .00 | .00 | .00 | .00 | .00 | .01 | .003 | 24 | .02 |
| 23* | .02 | .06 | .08 | .12 | .12 | .09 | .12 | .24 | .34 | .29 | .47 | .18 | .22 | .11 | .10 | .14 | .06 | .05 | .02 | .02 | .02 | .02 | .02 | .02 | .121 | 24 | .86 |
| 24* | .01 | .02 | .01 | .01 | .03 | .03 | .05 | .05 | .03 | .02 | .03 | .01 | .01 | .00 | .00 | .01 | .00 | .00 | .03 | .04 | .04 | .08 | .08 | .05 | .026 | 24 | .11 |
| 25 | .10 | .09 | .17 | .05 | .07 | .06 | .16 | .29 | .11 | .08 | .06 | .09 | .03 | | .04 | .07 | .02 | .02 | .03 | .05 | .04 | .32 | .20 | .06 | .095 | 23 | .50 |
| 26 | .05 | .04 | .06 | .04 | .08 | .13 | .39 | .31 | .12 | .07 | .08 | .12 | .11 | .10 | .12 | .11 | .08 | .01 | .01 | .01 | .01 | .01 | .02 | .00 | .086 | 24 | .52 |
| 27 | .00 | .01 | .01 | .01 | .02 | .02 | .05 | .06 | .04 | .04 | .02 | .02 | .01 | .02 | .02 | .02 | .03 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .020 | 24 | .07 |
| 28 | .01 | .00 | .01 | .01 | .00 | .01 | .02 | .02 | .02 | .01 | .02 | .02 | .04 | .05 | .04 | .02 | .05 | .05 | .05 | .07 | .05 | .06 | .06 | .04 | .029 | 24 | .08 |
| 29 | .03 | .05 | .04 | .04 | .05 | .10 | .14 | .14 | .10 | .09 | .07 | .07 | .06 | .13 | .04 | .04 | .04 | .05 | .04 | .12 | .14 | .22 | .11 | .16 | .082 | 24 | .30 |
| 30* | .19 | .18 | .11 | .07 | .08 | .11 | .15 | .12 | .10 | .12 | .09 | .06 | .05 | .12 | .02 | .02 | .03 | .04 | .04 | .04 | .03 | .02 | .03 | .13 | .076 | 24 | .48 |
| MEAN | .03 | .03 | .04 | .04 | .04 | .04 | .06 | .07 | .05 | .05 | .05 | .04 | .03 | .03 | .03 | .04 | .03 | .02 | .03 | .02 | .02 | .04 | .03 | .03 | .036 | | |
| NO. | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 27 | 27 | 27 | 25 | 25 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | | 663 | |
| MAX | .19 | .18 | .20 | .36 | .30 | .13 | .39 | .31 | .34 | .29 | .47 | .22 | .23 | .20 | .15 | .32 | .20 | .29 | .39 | .13 | .14 | .32 | .20 | .16 | .143 | | .86 |

TABULATED SAT., JUN. 22, 1968

* Indicates Saturday or Sunday
Local standard time used

## Table 3-42. OCTOBER, HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)
### Conductometric Analysis

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO OF HRS | 5-MIN MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1* | .48 | .19 | .17 | .17 | .14 | .12 | .16 | .21 | .14 | .10 | .09 | .04 | .03 | .02 | .02 | .02 | .02 | .06 | .03 | .05 | .05 | .04 | .04 | .05 | .102 | 24 | .60 |
| 2 | .10 | .19 | .17 | .14 | .14 | .25 | | | .23 | | | .35 | .12 | | .14 | .14 | .09 | .04 | .14 | .15 | .38 | .47 | .10 | .06 | .178 | 19 | .68 |
| 3 | .08 | .14 | .10 | .10 | .16 | .12 | .15 | .15 | .26 | .04 | .23 | .27 | .14 | .21 | .17 | .09 | .15 | .15 | .04 | .08 | .21 | .32 | .06 | .14 | .149 | 24 | .64 |
| 4 | .16 | .17 | .07 | .10 | .16 | .14 | .16 | .30 | .38 | .33 | .22 | .11 | .08 | .17 | .14 | .07 | .09 | .27 | .12 | .14 | .08 | .04 | .04 | .03 | .149 | 24 | .49 |
| 5 | .03 | .04 | .02 | .03 | .03 | .01 | .01 | .02 | .02 | .02 | .02 | .02 | .01 | .01 | .01 | .01 | .01 | .00 | .01 | .00 | .01 | .01 | .01 | .00 | .014 | 24 | .05 |
| 6 | .00 | .00 | .00 | .00 | .00 | .01 | .02 | .02 | .01 | .01 | .01 | .01 | .01 | .02 | .01 | .01 | .01 | .01 | .01 | .00 | .00 | .00 | .02 | .01 | .009 | 24 | .06 |
| 7* | .00 | .01 | .01 | .01 | .01 | .02 | .03 | .02 | .03 | .09 | .04 | .04 | .04 | .03 | .03 | .07 | .06 | .08 | .12 | .15 | .05 | .05 | .05 | .03 | .044 | 24 | .28 |
| 8* | .02 | | | | | | .10 | .04 | .03 | .02 | .02 | .02 | .02 | .02 | .01 | .02 | .01 | .02 | .02 | .02 | .02 | .01 | .01 | .01 | .022 | 19 | .15 |
| 9 | .02 | .02 | .02 | .03 | .04 | .06 | .07 | .10 | .09 | | .06 | .08 | .08 | .07 | | .06 | .07 | .06 | .07 | .07 | .05 | .07 | .07 | .07 | .059 | 22 | .12 |
| 10 | .06 | .04 | .05 | .04 | .05 | .09 | .10 | .10 | .09 | .10 | .10 | .09 | .14 | .14 | .15 | .14 | .09 | .07 | .08 | .07 | .07 | .08 | .08 | .06 | .086 | 24 | .21 |
| 11 | .05 | .05 | .05 | .07 | .07 | .14 | .14 | .16 | .12 | .09 | .09 | .11 | .13 | .14 | .18 | .18 | .22 | .21 | .21 | .18 | .17 | .13 | .14 | .13 | .130 | 24 | .32 |
| 12 | .12 | .13 | .15 | .14 | .21 | .24 | .21 | .25 | .16 | .10 | .09 | .09 | .10 | .06 | .04 | .03 | .04 | .06 | .08 | .08 | .07 | .05 | .05 | .08 | .108 | 24 | .33 |
| 13 | .07 | .06 | .06 | .07 | .09 | .09 | .11 | .32 | .09 | .18 | .31 | .10 | .13 | | .19 | .17 | .29 | .16 | .10 | .08 | .14 | .14 | .11 | .14 | .137 | 23 | .62 |
| 14* | .13 | .12 | .13 | .14 | .21 | .21 | .16 | .18 | .17 | .15 | .32 | .10 | .03 | .03 | .02 | .04 | .03 | .01 | .01 | .01 | .04 | .04 | .03 | .07 | .098 | 24 | .58 |
| 15* | .14 | .15 | .09 | .09 | .05 | .02 | .01 | .01 | .08 | .04 | .02 | .05 | .04 | .06 | .07 | .04 | .03 | .03 | .05 | .03 | .01 | .00 | .00 | .00 | .043 | 24 | .26 |
| 16 | .00 | .00 | .00 | .00 | .01 | .00 | .00 | .02 | .02 | .01 | .02 | .01 | .05 | .01 | .01 | .01 | .01 | .01 | .01 | .00 | .00 | .00 | .00 | .00 | .008 | 24 | .25 |
| 17 | .00 | .00 | .00 | .00 | .00 | .01 | .01 | .01 | .02 | .01 | .01 | .01 | .02 | .02 | .02 | .01 | .03 | .03 | .04 | .05 | .04 | .02 | .02 | .02 | .017 | 24 | .07 |
| 18 | .02 | .01 | .02 | .02 | .04 | .08 | .11 | .10 | .06 | .05 | .03 | .04 | .03 | .04 | .07 | .07 | .05 | .04 | .03 | .02 | .02 | .03 | .02 | .02 | .041 | 24 | .13 |
| 19 | .04 | .04 | .03 | .03 | .07 | .12 | .13 | .20 | .13 | .09 | .10 | .07 | .08 | .05 | .04 | .03 | .05 | .10 | .20 | .34 | .24 | .17 | .14 | .12 | .108 | 24 | .37 |
| 20 | .08 | .08 | .10 | .08 | .10 | .17 | .14 | .17 | .11 | .10 | .05 | .03 | | | .02 | .01 | .02 | .03 | .05 | .07 | .05 | .05 | .05 | .04 | .073 | 22 | .31 |
| 21* | .05 | .08 | .09 | | | .10 | | | .04 | .03 | .02 | .02 | .02 | .02 | .02 | | | | | | | .14 | .14 | | .059 | 13 | .16 |
| 22* | | .18 | .15 | .14 | .08 | | | | | .03 | .02 | .02 | .07 | .03 | .04 | .03 | .04 | .03 | | | .06 | | | .09 | .064 | 15 | .22 |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | | .04 | .04 | .04 | .05 | .04 | .06 | .06 | .05 | .05 | .03 | .03 | .03 | .03 | .03 | .16 | .25 | .12 | .03 | .03 | .02 | .03 | .03 | .02 | .054 | 23 | .44 |
| 25 | .03 | .03 | .04 | .04 | .05 | .08 | .09 | .08 | .07 | .07 | .08 | .07 | .07 | .07 | .06 | .07 | .06 | .05 | .04 | .05 | .04 | .04 | .06 | .07 | .058 | 24 | .14 |
| 26 | .03 | .05 | .09 | .09 | .12 | .13 | .14 | .17 | .13 | .10 | .07 | .07 | .08 | .11 | .20 | .30 | .28 | .29 | .33 | .31 | .28 | .32 | .16 | .09 | .164 | 24 | .49 |
| 27 | .08 | .09 | .08 | .09 | .16 | .24 | .22 | .22 | .20 | .15 | | .14 | .12 | .09 | .11 | .11 | .10 | .09 | .09 | .09 | .09 | .13 | .14 | .17 | .130 | 23 | .29 |
| 28* | .10 | .13 | .14 | .15 | .15 | .24 | .30 | .23 | .26 | .15 | .04 | .04 | .06 | .19 | .22 | .08 | .07 | .07 | .10 | .11 | .13 | .11 | .12 | .14 | .138 | 24 | .41 |
| 29* | .16 | .14 | .12 | .12 | .13 | .15 | .15 | .14 | .13 | .16 | .10 | .09 | .11 | .11 | .16 | .35 | .20 | .34 | .16 | .10 | .08 | .08 | .09 | .07 | .142 | 24 | .49 |
| 30 | .05 | .05 | .12 | .21 | .19 | .10 | .10 | .13 | .11 | | | | .14 | .22 | .11 | .16 | .12 | .16 | .15 | .18 | .28 | .25 | .11 | .07 | .144 | 21 | .44 |
| 31 | .09 | .09 | .07 | .07 | .09 | .12 | .12 | .16 | .15 | .13 | .11 | .10 | .06 | .05 | .07 | .07 | .06 | .04 | .04 | .04 | .03 | .03 | .04 | .03 | .077 | 24 | .18 |
| MEAN | .08 | .08 | .07 | .08 | .09 | .11 | .11 | .13 | .11 | .09 | .08 | .08 | .07 | .07 | .08 | .09 | .09 | .09 | .08 | .09 | .09 | .10 | .07 | .06 | .087 | | |
| NO | 28 | 29 | 29 | 28 | 28 | 28 | 27 | 27 | 29 | 27 | 27 | 29 | 29 | 27 | 29 | 29 | 29 | 29 | 28 | 28 | 29 | 29 | 29 | 29 | | 680 | |
| MAX | .48 | .19 | .17 | .21 | .21 | .26 | .30 | .32 | .38 | .33 | .32 | .35 | .16 | .22 | .22 | .35 | .29 | .34 | .33 | .34 | .38 | .47 | .16 | .17 | .178 | | .68 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT.. JUN. 22. 1968

**Table 3-43. NOVEMBER, HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)**
**Conductometric Analysis**

| DAY OF MONTH | AM 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | PM 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO OF HRS | 5 MIN MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .02 | .01 | .01 | .01 | .03 | .03 | .03 | .04 | .04 | .04 | .14 | .22 | .20 | .16 | .24 | .24 | .44 | .36 | .34 | .32 | .22 | .39 | .51 | .36 | .182 | 24 | .73 |
| 2 | .24 | .22 | .22 | .11 | .24 | .31 | .35 | .22 | .31 | .38 | .21 | .17 | .20 | .07 | .11 | .12 | .11 | .10 | .10 | .08 | .09 | .07 | .07 | .06 | .173 | 24 | .46 |
| 3 | .08 | .11 | .11 | .14 | .14 | .19 | .24 | .30 | .27 | .29 | .25 | .19 | .25 | .25 | .24 | .22 | .20 | .19 | .24 | .18 | .18 | .10 | .12 | .11 | .191 | 24 | .32 |
| 4* | .10 | .11 | .09 | .07 | .08 | .10 | .12 | .10 | .09 | .10 | .11 | .08 | .08 | .08 | .07 | .07 | .08 | .07 | .06 | .07 | .07 | .14 | .13 | .09 | .091 | 24 | .19 |
| 5* | .07 | .06 | .06 | .08 | .08 | .09 | .09 | .11 | .10 | .07 | .07 | .09 | .07 | .06 | .08 | .08 | .07 | .09 | .09 | .12 | .09 | .08 | .06 | .06 | .079 | 24 | .20 |
| 6 | .13 | .32 | .29 | .21 | .24 | .28 | .38 | .50 | .47 | .52 | .59 | .42 | .20 | | .13 | .12 | .17 | .27 | .20 | .15 | .20 | .19 | .15 | .15 | .273 | 23 | .69 |
| 7 | .23 | .21 | .22 | .23 | .33 | .34 | .29 | .32 | .41 | .39 | .35 | .23 | .23 | .23 | .25 | .20 | .22 | .22 | .23 | .24 | .34 | .16 | .34 | .39 | .274 | 24 | .62 |
| 8 | .37 | .48 | .42 | .28 | .29 | .29 | .27 | .26 | .25 | .22 | .12 | .11 | .11 | .08 | .08 | .10 | .19 | .28 | .59 | .60 | .41 | .19 | .40 | .20 | .274 | 24 | .90 |
| 9 | .26 | .21 | .16 | .12 | .17 | .23 | .26 | .28 | .25 | .19 | .13 | .10 | .08 | .03 | .03 | .04 | .05 | .05 | .06 | .07 | .07 | .12 | .21 | .37 | .147 | 24 | .41 |
| 10 | .22 | .19 | .19 | .17 | .22 | .18 | .20 | .25 | .20 | .22 | .15 | .10 | .09 | .08 | .08 | .05 | .05 | .04 | .04 | .06 | .08 | .11 | .19 | .19 | .139 | 24 | .33 |
| 11* | .23 | .14 | .09 | .07 | .07 | .08 | .12 | .21 | .24 | .23 | .18 | .12 | .04 | .09 | .07 | .14 | .17 | .12 | .29 | .29 | .18 | .22 | .10 | .13 | .150 | 24 | .46 |
| 12* | .05 | .07 | .08 | .07 | .06 | .04 | .04 | .04 | .04 | .03 | .02 | .03 | .03 | .03 | .03 | .04 | .05 | .07 | .09 | .08 | .08 | .09 | .09 | .09 | .055 | 24 | .11 |
| 13 | .08 | .09 | .10 | .06 | .10 | .14 | .18 | .22 | .21 | .17 | | .10 | .13 | .12 | .18 | .20 | .15 | .08 | .08 | .11 | .10 | .13 | .07 | .13 | .126 | 23 | .26 |
| 14 | .10 | .11 | .11 | .11 | .11 | .12 | .15 | .34 | .27 | .16 | .16 | .06 | .12 | .13 | .13 | .15 | .16 | .20 | .24 | .20 | .14 | .11 | .11 | .08 | .149 | 24 | .50 |
| 15 | .06 | .11 | .20 | .21 | .25 | .31 | .39 | .43 | .43 | .38 | .31 | .17 | .16 | .15 | .12 | .14 | .14 | .05 | .10 | .09 | .21 | .20 | .15 | .09 | .202 | 24 | .48 |
| 16 | .08 | .08 | .12 | .11 | .15 | .15 | .17 | .18 | .28 | .54 | .39 | .56 | .40 | .33 | .34 | .43 | .44 | .51 | .52 | .58 | .25 | .19 | .26 | .26 | .308 | 24 | .88 |
| 17 | .40 | .27 | .23 | .23 | .18 | .23 | .26 | .22 | .17 | .13 | .10 | .10 | .07 | .06 | .04 | .05 | .07 | .04 | .06 | .16 | .38 | .48 | .52 | .14 | .190 | 24 | .61 |
| 18* | .06 | .05 | .04 | .04 | .05 | .09 | .10 | .13 | .12 | .11 | .10 | .09 | .10 | .10 | .08 | .07 | .07 | .07 | .09 | .08 | .09 | .07 | .12 | .13 | .084 | 24 | .19 |
| 19* | .09 | .09 | .12 | .11 | .10 | .14 | .14 | .17 | .17 | .14 | .11 | .11 | .09 | .12 | .11 | .13 | .12 | .11 | .14 | .15 | .15 | .16 | .10 | .07 | .123 | 24 | .22 |
| 20 | .07 | .05 | .05 | .04 | .04 | .15 | .19 | .17 | .17 | .19 | .17 | | .23 | .29 | .39 | .35 | .25 | .26 | .15 | .13 | .12 | .14 | .17 | .24 | .173 | 23 | .51 |
| 21 | .31 | .26 | .27 | .25 | .18 | .21 | .21 | .30 | .38 | .38 | .41 | .40 | .37 | .43 | .27 | .51 | .33 | .18 | .13 | .12 | .13 | .11 | .07 | .08 | .261 | 24 | .69 |
| 22 | .06 | .09 | .19 | .15 | .18 | .17 | .23 | .21 | .20 | .13 | .13 | .14 | .13 | .13 | .12 | .10 | .14 | .11 | .07 | .08 | .13 | .14 | .08* | .07 | .132 | 24 | .35 |
| 23 | .08 | .04 | .04 | .05 | .04 | .06 | .07 | .13 | .14 | .13 | .31 | .27 | .25 | .28 | .23 | .18 | .14 | .15 | .08 | .10 | .11 | .11 | .25 | .17 | .144 | 24 | .47 |
| 24 | .17 | .19 | .30 | .33 | .37 | .35 | .38 | .51 | .59 | .29 | .34 | .39 | .44 | .33 | .29 | .14 | .14 | .20 | .31 | .43 | .27 | .18 | .27 | .22 | .310 | 24 | .80 |
| 25* | .34 | .25 | .25 | .28 | .28 | .18 | .28 | .31 | .31 | .45 | .39 | .28 | .13 | .14 | .13 | .09 | .11 | .15 | .12 | .05 | .05 | .05 | .04 | .05 | .195 | 24 | .63 |
| 26* | .07 | .07 | .07 | .11 | .24 | .25 | .24 | .18 | .23 | .24 | .44 | .48 | .24 | .12 | .11 | .05 | .04 | .08 | .06 | .05 | .05 | .06 | .06 | .06 | .150 | 24 | .87 |
| 27 | .07 | .08 | .07 | .10 | .13 | .21 | .20 | .16 | .11 | | | .10 | .09 | .09 | .08 | .09 | .09 | .11 | .09 | .10 | .07 | .08 | .08 | .09 | .102 | 22 | .28 |
| 28 | .21 | .09 | .08 | .11 | .12 | .13 | .18 | .27 | .16 | .13 | .15 | .15 | .10 | .12 | .12 | .14 | .11 | .13 | .12 | .13 | .09 | .15 | .18 | .25 | .142 | 24 | .37 |
| 29 | .28 | .20* | .25 | .28 | .27 | .14 | .11 | .16 | .74 | .41 | .54 | .59 | .40 | .37 | .25 | .23 | .25 | .28 | .20 | .19 | .20 | .18 | .12 | .08 | .292 | 24 | .92 |
| 30 | .07 | .06 | .04 | .03 | .03 | .05 | .05 | .05 | .06 | .09 | .07 | .07 | .09 | .08 | .09 | .10 | .09 | .08 | .04 | .04 | .13 | .24 | .30 | .16 | .087 | 24 | .41 |
| MEAN | .15 | .14 | .15 | .14 | .14 | .17 | .20 | .22 | .25 | .24 | .23 | .20 | .18 | .16 | .15 | .15 | .15 | .15 | .14 | .17 | .15 | .15 | .18 | .15 | .173 | | |
| NO | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 29 | 29 | 29 | 30 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | 715 | |
| MAX | .40 | .48 | .42 | .33 | .37 | .35 | .39 | .51 | .74 | .41 | .59 | .59 | .40 | .43 | .39 | .51 | .44 | .51 | .59 | .60 | .41 | .48 | .52 | .39 | .310 | | .92 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

**Table 3-44. DECEMBER, HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)**
**Conductometric Analysis**

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO. OF HRS | 5-MIN MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .16 | .15 | .17 | .13 | .13 | .13 | .14 | .13 | .13 | .15 | .16 | .11 | .13 | .14 | .16 | .16 | .15 | .25 | .24 | .14 | .13 | .11 | .12 | .12 | .150 | 24 | .32 |
| 2* | .13 | .13 | .14 | .15 | .17 | .17 | .10 | .11 | .12 | .09 | .13 | .19 | .19 | .17 | .16 | .15 | .15 | .15 | .14 | .10 | .10 | .12 | .13 | .12 | .139 | 24 | .22 |
| 3* | .11 | .11 | .13 | .17 | .13 | .19 | .21 | .27 | .24 | .19 | .15 | .21 | .17 | .34 | .26 | .27 | .21 | .28 | .25 | .19 | .20 | .20 | .19 | .22 | .202 | 24 | .55 |
| 4 | .27 | .30 | .31 | .35 | .32 | .47 | .47 | .45 | .44 | .74 | .55 | .68 | .30 | .17 | | | .11 | .14 | .17 | .44 | .44 | .37 | .24 | .26 | .364 | 22 | 1.06 |
| 5 | .30 | .29 | .29 | .19 | .19 | .19 | .31 | .39 | .45 | .27 | .21 | .31 | .17 | .14 | .13 | .17 | .17 | .18 | .18 | .15 | .16 | .16 | .14 | .10 | .212 | 24 | .65 |
| 6 | .13 | .13 | .11 | .11 | .13 | .16 | .19 | .23 | .17 | | | | | | .10 | .17 | .21 | .24 | .18 | .15 | .09 | .13 | .13 | .14 | .151 | 19 | .31 |
| 7 | .17 | .14 | .18 | .16 | .19 | .17 | .27 | .29 | .23 | .20 | .18 | .24 | .24 | .24 | .33 | .40 | .15 | .23 | .20 | .09 | .08 | .09 | .08 | .05 | .188 | 24 | .53 |
| 8 | .05 | .07 | .07 | .12 | .2[illegible] | .22 | .28 | .27 | .26 | .29 | .22 | .26 | .20 | .26 | .17 | .20 | .14 | .15 | .16 | .12 | .10 | .10 | .10 | .05 | .169 | 24 | .36 |
| 9* | .03 | .04 | .04 | .04 | .05 | .04 | .05 | .06 | .04 | .04 | .03 | .03 | .04 | .04 | .05 | .05 | .05 | .06 | .05 | .05 | .05 | .04 | .03 | .04 | .044 | 24 | .08 |
| 10* | .04 | .04 | .05 | .04 | .04 | .04 | .04 | .04 | .05 | .05 | .05 | .06 | .07 | .09 | .08 | .08 | .09 | .09 | .07 | .08 | .08 | .06 | .06 | .08 | .061 | 24 | .16 |
| 11 | .17 | .17 | .20 | .21 | .21 | .22 | .18 | .14 | .13 | .13 | .17 | .09 | .16 | .20 | .21 | .20 | .20 | .19 | .17 | .17 | .17 | .15 | .16 | .15 | .171 | 24 | .28 |
| 12 | .15 | .18 | .11 | .10 | .10 | .15 | .17 | .24 | .23 | .20 | .19 | .19 | .24 | .18 | .17 | .28 | .25 | .22 | .21 | .18 | .23 | .24 | .16 | .21 | .190 | 24 | .37 |
| 13 | .19 | .11 | .07 | .10 | .12 | .14 | .18 | .15 | .15 | .12 | .12 | .17 | .14 | .12 | .11 | .15 | .15 | .11 | .11 | .11 | .10 | .10 | .16 | .17 | .131 | 24 | .37 |
| 14 | .21 | .18 | .20 | .19 | .27 | .34 | .42 | .37 | .33 | .32 | .30 | .28 | .17 | .12 | .17 | .17 | .21 | .16 | .13 | .18 | .27 | .20 | .21 | .18 | .232 | 24 | .48 |
| 15 | .17 | .17 | .21 | .21 | .20 | .19 | .22 | .24 | .21 | .14 | .17 | .16 | .17 | .13 | .11 | .10 | .14 | .13 | .12 | .11 | .11 | .11 | .15 | .22 | .162 | 24 | .32 |
| 16* | .13 | .10 | .13 | .16 | .14 | .21 | .24 | .25 | .23 | .25 | .28 | .27 | .22 | .22 | .22 | .49 | .36 | .41 | .27 | .33 | .38 | .30 | .32 | .26 | .256 | 24 | .60 |
| 17* | .18 | .13 | .16 | .17 | .17 | .19 | .22 | .14 | .16 | .15 | .14 | .14 | .24 | .13 | .16 | .13 | .13 | .12 | .08 | .10 | .14 | .16 | .22 | .17 | .154 | 24 | .33 |
| 18 | .20 | .22 | .20 | .12 | .14 | .16 | .17 | .12 | .15 | .13 | | .21 | .25 | .32 | .28 | .16 | .16 | .15 | .15 | .12 | .15 | | | | .178 | 20 | .50 |
| 19 | | | | | | | | | | .10 | .12 | .13 | .08 | .14 | .12 | .11 | .11 | .15 | .11 | .13 | .10 | .17 | .14 | .18 | .125 | 15 | .28 |
| 20 | .16 | .13 | .20 | .21 | .27 | .37 | .35 | .30 | .47 | .46 | .49 | .27 | .15 | .15 | .16 | .16 | .18 | .32 | .24 | .16 | .09 | .08 | .08 | .06 | .230 | 24 | .76 |
| 21 | .08 | .14 | .09 | .09 | .16 | .14 | .35 | .31 | .22 | .22 | .30 | .20 | .22 | .15 | .11 | .12 | .13 | .14 | .14 | .12 | .10 | .11 | .14 | .10 | .160 | 24 | .46 |
| 22 | .09 | .09 | .08 | .19 | .15 | .15 | .16 | .16 | .17 | .14 | .16 | .12 | .12 | .11 | .14 | .13 | .11 | .10 | .09 | .11 | .10 | .10 | .13 | .12 | .125 | 24 | .27 |
| 23* | .13 | .12 | .14 | .12 | .14 | .12 | .14 | .18 | .21 | .24 | .22 | .21 | .24 | .34 | .33 | .27 | .27 | .48 | .32 | .36 | .26 | .35 | .45 | .35 | .248 | 24 | .83 |
| 24* | .27 | .36 | .40 | .23 | .21 | .25 | .34 | .32 | .38 | .31 | .19 | .09 | .29 | .24 | .36 | .31 | .22 | .17 | .22 | .19 | .14 | .25 | .28 | .21 | .258 | 24 | .62 |
| 25 | .23 | .31 | .35 | .32 | .25 | .16 | .23 | .28 | .31 | .33 | .30 | .29 | .23 | .19 | .17 | .17 | .15 | .16 | .13 | .13 | .15 | .15 | .13 | .11 | .216 | 24 | .46 |
| 26 | .17 | .16 | .23 | .21 | .23 | .21 | .21 | .23 | .20 | .17 | | .16 | .17 | .20 | .21 | .22 | .24 | .25 | .30 | .34 | .25 | .37 | .36 | .31 | .234 | 23 | .43 |
| 27 | .31 | .39 | .45 | .52 | .43 | .35 | .52 | .55 | .54 | .54 | .48 | .50 | .43 | .38 | .37 | .40 | .28 | .19 | .26 | .19 | .17 | .14 | .22 | .27 | .369 | 24 | .71 |
| 28 | .22 | .18 | .19 | .27 | .30 | .23 | .20 | .10 | .10 | .09 | .08 | .08 | .05 | .15 | .38 | .36 | .30 | .29 | .27 | .29 | .32 | .27 | .30 | .31 | .221 | 24 | .45 |
| 29 | .23 | .20 | .22 | .23 | .25 | .29 | .46 | .52 | .54 | .72 | .91 | .40 | .60 | .57 | .43 | .58 | .40 | .53 | .64 | .36 | .31 | .45 | .40 | .46 | .440 | 24 | 1.21 |
| 30* | .41 | .44 | .44 | .42 | .50 | .42 | .33 | .30 | .39 | .39 | .40 | .41 | .34 | .32 | .31 | .29 | .23 | .15 | .15 | .23 | .23 | .26 | .25 | .24 | .326 | 24 | .56 |
| 31* | .28 | .23 | .21 | .23 | .24 | .25 | .28 | .26 | .24 | .23 | .22 | .21 | .20 | .19 | .18 | .19 | .17 | .17 | .20 | .23 | .23 | .23 | .24 | .19 | .221 | 24 | .35 |
| MEAN | .18 | .18 | .19 | .19 | .20 | .21 | .24 | .24 | .25 | .25 | .25 | .22 | .21 | .20 | .20 | .22 | .19 | .20 | .19 | .18 | .17 | .19 | .19 | .18 | .191 | | |
| NO. | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 28 | 30 | 30 | 30 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 30 | 30 | 30 | | 723 | |
| MAX | .41 | .44 | .45 | .52 | .50 | .47 | .52 | .55 | .54 | .74 | .91 | .68 | .60 | .57 | .43 | .58 | .40 | .53 | .64 | .44 | .44 | .45 | .45 | .46 | .440 | | 1.21 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

## Table 3-45. JANUARY, HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)
### Flame Ionization Analysis

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO. OF HRS | 5-MIN MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1* | 2.2 | 2.4 | 2.3 | 2.3 | 2.2 | 2.2 | 2.1 | 2.4 | 2.1 | 2.0 | 2.0 | 2.2 | 2.1 | 2.3 | 2.5 | 2.7 | 2.5 | 2.5 | 2.3 | 2.2 | 2.1 | 2.1 | 2.1 | 2.2 | 2.22 | 24 | 2.8 |
| 2 | 2.1 | 2.0 | 2.2 | 2.1 | 2.2 | 2.6 | 2.5 | 2.7 | 2.5 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.4 | 2.7 | 3.0 | 3.8 | 3.0 | 2.8 | 2.9 | 2.7 | 3.0 | 2.3 | 2.55 | 24 | 6.8 |
| 3 | 2.2 | 2.1 | 2.0 | 2.0 | 2.0 | 2.0 | 2.3 | 3.4 | 3.5 | 3.0 | 3.1 | 3.0 | 2.9 | 2.5 | | | 3.7 | 3.5 | 2.9 | 2.8 | 3.0 | 2.5 | 2.8 | 3.2 | 2.76 | 22 | 6.5 |
| 4 | 2.4 | 2.2 | 2.4 | 2.9 | 3.0 | 3.3 | 3.6 | 4.6 | 4.4 | 3.5 | 3.4 | 3.3 | 3.0 | 3.1 | 2.8 | 2.7 | 2.7 | 2.7 | 2.4 | 2.2 | 2.1 | 2.3 | 2.2 | 2.2 | 2.88 | 24 | 5.4 |
| 5 | 2.8 | 2.7 | 2.7 | 2.5 | 2.3 | 2.0 | 2.6 | 3.3 | 3.5 | 3.4 | 2.9 | 2.6 | 2.4 | 2.4 | 2.5 | 2.6 | 2.9 | 2.8 | 3.1 | 3.4 | 3.4 | 2.8 | 2.3 | 2.5 | 2.74 | 24 | 4.6 |
| 6 | 2.4 | 2.4 | 2.2 | 2.4 | 2.0 | 2.0 | 2.1 | 2.4 | 2.4 | 2.5 | | 2.4 | | 2.4 | 2.5 | 2.6 | 2.9 | 3.0 | 2.4 | 2.2 | 2.4 | 2.4 | 2.5 | 2.5 | 2.39 | 22 | 4.8 |
| 7* | 2.6 | 2.3 | 2.9 | 2.0 | 1.9 | 1.9 | 1.9 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.2 | 2.1 | 2.1 | 2.1 | 2.2 | 2.2 | 2.1 | 2.0 | 2.1 | 2.1 | 2.3 | 2.2 | 2.12 | 24 | [illegible] |
| 8* | 2.4 | 2.2 | 2.2 | 2.0 | 2.0 | 1.9 | 1.9 | 2.0 | 2.1 | 2.1 | 2.0 | 2.0 | 2.0 | 2.1 | 2.1 | 2.3 | 2.2 | 2.3 | 2.1 | 2.1 | 2.2 | 2.2 | 2.1 | 2.2 | 2.09 | 24 | [illegible] |
| 9 | 2.0 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 2.2 | 2.4 | 2.6 | 2.4 | 2.4 | 2.4 | | 2.4 | 2.5 | 2.7 | 3.0 | 3.1 | 3.0 | 2.8 | 2.5 | 2.5 | 3.1 | 2.5 | 2.43 | 23 | [illegible] |
| 10 | 2.3 | 2.6 | 2.0 | 1.9 | 1.9 | 1.9 | 2.2 | 2.4 | 2.9 | 3.0 | 2.9 | 2.7 | 2.5 | 2.7 | 2.9 | 3.0 | 3.3 | 3.4 | 2.9 | 2.7 | 2.7 | 3.1 | 3.0 | 2.6 | 2.63 | 24 | [illegible] |
| 11 | 2.5 | 3.0 | 2.4 | 2.2 | 2.2 | 2.3 | 3.0 | 3.7 | 3.6 | 3.8 | 2.9 | 2.9 | 2.6 | 2.6 | 2.6 | 2.9 | 3.4 | 3.5 | 3.1 | 2.6 | 2.5 | 2.3 | 2.2 | 2.2 | 2.79 | 24 | 4.8 |
| 12 | 2.1 | 2.0 | 2.0 | 1.9 | 2.0 | 2.1 | 2.5 | 3.0 | 3.2 | 2.9 | 2.8 | 2.8 | 2.8 | 3.2 | 3.3 | 3.7 | 4.0 | 4.8 | 3.5 | 3.1 | 3.3 | 3.6 | 3.7 | 3.3 | 2.96 | 24 | 5.6 |
| 13 | 3.5 | 4.2 | 3.6 | 3.3 | 2.9 | 2.8 | 3.4 | 4.8 | 5.6 | 4.0 | 3.9 | 5.7 | 3.9 | 3.4 | 3.4 | 3.7 | 5.6 | 5.2 | 4.2 | 4.1 | 4.1 | 3.9 | 4.2 | 4.1 | 4.06 | 24 | 7.0 |
| 14* | 4.0 | 4.2 | 2.6 | 2.6 | 2.6 | 2.5 | 2.7 | 3.1 | 2.7 | 2.4 | 4.3 | 3.2 | 3.2 | 2.9 | 3.0 | 3.1 | 3.2 | 3.2 | 2.6 | 2.6 | 2.6 | 2.3 | 2.3 | 2.4 | 2.83 | 24 | 5.6 |
| 15* | 2.2 | 2.2 | 2.2 | 2.1 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.1 | 2.1 | 2.2 | 2.3 | 2.3 | 2.3 | 2.3 | 2.5 | 2.5 | 2.3 | 2.3 | 2.3 | 2.5 | 2.18 | 24 | 2.7 |
| 16 | 2.2 | 2.2 | 2.1 | 2.1 | 2.3 | 2.2 | 2.4 | 2.9 | 3.0 | 2.8 | 2.6 | | 2.7 | 2.7 | 3.0 | 2.9 | 3.0 | 2.8 | 2.3 | 2.3 | 2.8 | 2.2 | 2.1 | 2.1 | 2.50 | 23 | 4.5 |
| 17 | 2.0 | 2.0 | 1.9 | 1.9 | 1.9 | 1.9 | 2.2 | 2.8 | 3.0 | 2.9 | 2.7 | 2.6 | 2.5 | 2.6 | 2.3 | 2.6 | 2.9 | 2.9 | 2.4 | 2.3 | 2.4 | 2.3 | 2.4 | 2.3 | 2.39 | 24 | 3.5 |
| 18 | 2.2 | 2.5 | 2.4 | 2.1 | 2.1 | 2.1 | 2.5 | 3.2 | 3.8 | 3.9 | 3.9 | 4.0 | 3.2 | 3.0 | 3.0 | 3.0 | 3.5 | 3.1 | 3.1 | 2.5 | 2.4 | 2.3 | 2.3 | 2.1 | 2.82 | 24 | 4.6 |
| 19 | 2.2 | 2.2 | 2.8 | 2.0 | 1.9 | 2.0 | 2.4 | 2.6 | 3.0 | 2.7 | 2.6 | 2.4 | 2.3 | 2.5 | 2.9 | 2.9 | 3.3 | 3.0 | 2.7 | 2.8 | 2.8 | 2.7 | 2.4 | 2.1 | 2.53 | 24 | 5.6 |
| 20 | 2.0 | 2.0 | 2.7 | 2.0 | 2.0 | 2.0 | 2.4 | 3.1 | 2.8 | 2.8 | 2.7 | 2.6 | 2.7 | 2.7 | 2.8 | 3.3 | 3.6 | 3.3 | 2.8 | 2.4 | 2.3 | 2.2 | 2.2 | 2.1 | 2.56 | 24 | 4.4 |
| 21* | 2.4 | 2.5 | 2.2 | 2.6 | 1.9 | 1.9 | 2.1 | 2.2 | 2.4 | 2.6 | 2.6 | 2.4 | 2.6 | 2.7 | 3.0 | 3.3 | 3.1 | 4.1 | 3.8 | 4.0 | 5.6 | 5.2 | 4.2 | 3.0 | 3.01 | 24 | 7.0 |
| 22* | 2.9 | 2.8 | 2.6 | 2.4 | 2.4 | 2.5 | 2.5 | 3.1 | 3.3 | 3.2 | 3.3 | 2.9 | 2.9 | 3.2 | 3.1 | 2.9 | 3.0 | 2.8 | 2.6 | 2.5 | 2.6 | 2.3 | 2.1 | 2.0 | 2.73 | 24 | 3.8 |
| 23 | 2.0 | 1.9 | 1.9 | 1.9 | | | | | | | | | | | | 4.8 | 7.6 | 10.0 | 6.0 | 6.1 | 4.7 | 5.2 | 4.1 | 3.5 | 4.58 | 13 | 13.2 |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | | 2.6 | 2.2 | 2.1 | 2.1 | 2.2 | 2.4 | 2.8 | 3.1 | 2.9 | 2.7 | 2.8 | 2.7 | 2.8 | 2.9 | 3.2 | 3.1 | 3.4 | 3.5 | 3.3 | 3.2 | 2.7 | 2.5 | 2.5 | 2.76 | 23 | 4.8 |
| 26 | 2.3 | 2.1 | 2.1 | 2.1 | 2.0 | 2.1 | 3.0 | 4.1 | 3.8 | 3.5 | 3.1 | 3.0 | 2.6 | 2.6 | 2.7 | 3.0 | 3.4 | 3.3 | 3.3 | 2.8 | 2.2 | 2.1 | 2.1 | 2.0 | 2.71 | 24 | 5.5 |
| 27 | 2.0 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 2.0 | 2.0 | 2.0 | 2.0 | 2.1 | 2.1 | 2.2 | 2.1 | 2.1 | 2.2 | 2.2 | 2.2 | 2.2 | 2.1 | 2.1 | 2.01 | 24 | 2.4 |
| 28* | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.2 | 2.2 | 2.1 | 2.1 | 2.1 | 2.2 | 2.1 | 2.1 | 2.1 | 2.1 | 2.3 | 2.4 | 2.6 | 2.5 | 2.4 | 2.2 | 2.2 | 2.18 | 24 | 2.6 |
| 29* | 2.1 | 2.2 | 2.2 | 2.2 | 2.1 | 2.1 | 2.1 | 2.0 | 2.2 | 2.5 | 2.1 | 2.1 | 2.0 | 1.9 | 2.1 | 2.2 | 2.2 | 2.2 | 2.1 | 2.1 | 2.0 | 2.1 | 2.1 | 2.1 | 2.12 | 24 | 2.7 |
| 30 | 2.0 | 1.9 | 1.9 | 1.9 | 1.9 | 2.0 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.1 | 2.1 | | | | 2.6 | 2.4 | 2.2 | 2.1 | 2.1 | 2.1 | 2.1 | 2.2 | 2.12 | 21 | 3.2 |
| 31 | 2.4 | 2.2 | 2.5 | 2.4 | 2.5 | 2.7 | 2.6 | 2.8 | 2.8 | 3.0 | 2.8 | 2.7 | 2.6 | 2.8 | 2.7 | 3.2 | 3.5 | 3.5 | 3.5 | 3.5 | 2.7 | 2.6 | 2.5 | 2.6 | 2.78 | 24 | 4.0 |
| MEAN | 2.4 | 2.4 | 2.3 | 2.2 | 2.1 | 2.2 | 2.4 | 2.8 | 2.9 | 2.9 | 2.8 | 2.7 | 2.6 | 2.6 | 2.6 | 2.9 | 3.2 | 3.3 | 2.9 | 2.8 | 2.8 | 2.6 | 2.6 | 2.5 | 2.62 | | |
| NO | 29 | 30 | 30 | 30 | 29 | 29 | 29 | 29 | 29 | 29 | 28 | 28 | 27 | 28 | 27 | 28 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | 699 | |
| MAX | 4.0 | 4.2 | 3.6 | 3.3 | 3.0 | 3.3 | 3.6 | 4.8 | 5.6 | 4.0 | 4.3 | 5.7 | 3.9 | 3.4 | 3.4 | 4.8 | 7.6 | 10.0 | 6.0 | 6.1 | 5.6 | 5.2 | 4.2 | 4.1 | 4.58 | | 13.2 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

**Table 3-46. FEBRUARY, HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)**
**Flame Ionization Analysis**

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO. OF HRS | 5-MIN MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.4 | 2.2 | 2.8 | 2.4 | 2.2 | 2.3 | 2.5 | 2.9 | 3.5 | 3.1 | 3.0 | 3.0 | 3.0 | 3.4 | 3.7 | 4.9 | 4.8 | 3.0 | 2.4 | 2.3 | 2.2 | 2.1 | 2.1 | 2.3 | 2.84 | 24 | 5.7 |
| 2 | 2.1 | 2.2 | 2.9 | 2.2 | 2.0 | 2.1 | 2.5 | 2.9 | 2.8 | 3.0 | 2.8 | 2.9 | 2.7 | 2.5 | 2.8 | 3.6 | 3.3 | 3.2 | 3.0 | 3.1 | 3.0 | 2.9 | 2.9 | 3.1 | 2.75 | 24 | 4.7 |
| 3 | 3.1 | 2.7 | 2.4 | 2.9 | 3.5 | 3.5 | 4.0 | 4.0 | 3.8 | 3.7 | 2.8 | 2.5 | 2.7 | 2.6 | 2.7 | 2.9 | 3.2 | 3.1 | 2.7 | 2.4 | 2.4 | 2.2 | 2.2 | 2.4 | 2.92 | 24 | 4.7 |
| 4* | 2.3 | 2.2 | 2.5 | 2.7 | 2.2 | 2.2 | 2.3 | 2.4 | 2.6 | 2.7 | 2.5 | 2.5 | 2.6 | 2.6 | 2.5 | 2.6 | 2.9 | 2.6 | 2.5 | 2.6 | 2.4 | 2.4 | 2.5 | 3.4 | 2.51 | 24 | 4.3 |
| 5* | 2.8 | 2.4 | 2.9 | 3.1 | 3.1 | 2.8 | 2.5 | 2.6 | 2.5 | 2.7 | 2.6 | 2.6 | 2.4 | 2.4 | 2.3 | 2.6 | 2.6 | 2.5 | 2.4 | 2.3 | 2.2 | 2.3 | 2.4 | 2.4 | 2.55 | 24 | 3.4 |
| 6 | 2.4 | 2.2 | 2.2 | 2.2 | 2.2 | 2.3 | 2.8 | 5.4 | 4.4 | 4.1 | 3.7 | 3.1 | 2.9 | 2.9 | 2.9 | 3.9 | 4.4 | 4.0 | 3.1 | 4.4 | 2.5 | 2.4 | 2.3 | 2.4 | 3.09 | 24 | 11.6 |
| 7 | 2.2 | 2.2 | 2.1 | 2.0 | 2.0 | 2.0 | 2.9 | 3.6 | 3.7 | 3.5 | 2.7 | | 2.7 | 2.6 | 2.9 | 4.0 | 3.5 | 3.0 | 2.9 | 3.8 | 4.2 | 5.0 | 4.8 | 4.3 | 3.15 | 23 | 5.8 |
| 8 | 3.9 | 3.1 | 3.7 | 4.0 | 3.0 | 3.0 | 3.2 | 3.4 | 3.0 | 3.7 | 2.9 | 2.8 | 2.5 | 2.8 | 2.9 | 3.1 | 3.1 | 3.0 | 2.7 | 2.5 | 2.5 | 2.3 | 2.6 | 2.6 | 2.98 | 24 | 6.8 |
| 9 | 2.5 | 2.4 | 2.3 | 2.3 | 2.5 | 2.9 | 3.3 | 4.0 | 4.0 | 3.4 | 3.3 | 3.3 | 3.1 | 3.3 | 3.5 | 3.4 | 2.8 | 2.4 | 2.4 | 2.2 | 2.5 | 2.8 | 2.9 | 2.6 | 2.91 | 24 | 5.3 |
| 10 | 2.4 | 3.0 | 2.1 | 2.0 | 2.0 | 2.1 | 2.4 | 4.7 | 2.9 | 2.9 | 2.6 | 2.4 | 2.5 | 2.5 | 2.6 | 3.0 | 3.2 | 3.0 | 2.4 | 2.2 | 2.1 | 2.3 | 2.0 | 2.1 | 2.46 | 24 | 4.3 |
| 11* | 2.2 | 2.0 | 1.9 | 1.8 | 1.8 | 1.9 | 2.0 | 2.2 | 2.3 | 2.4 | 2.5 | 2.4 | 2.4 | 3.0 | 2.4 | 2.6 | 3.1 | 2.7 | 2.6 | 2.7 | 2.9 | 2.2 | 2.5 | 2.9 | 2.39 | 24 | 5.2 |
| 12* | 2.6 | 2.5 | 2.4 | 2.4 | 2.4 | 2.6 | 2.8 | 3.3 | 2.6 | 2.5 | 2.2 | 2.1 | 2.7 | 2.3 | 2.4 | 2.4 | 2.6 | 2.9 | 3.0 | 2.7 | 2.8 | 2.8 | 2.4 | 2.1 | 2.53 | 24 | 3.7 |
| 13 | 2.1 | 2.0 | 2.0 | 2.0 | 2.0 | 2.1 | 2.9 | 2.8 | 4.1 | 2.8 | 3.2 | 2.9 | 3.1 | 3.8 | 3.8 | 3.4 | 4.0 | 3.7 | 3.6 | 3.3 | 3.0 | 4.2 | | | 3.02 | 22 | 6.8 |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | 4.6 | 3.4 | 3.4 | 4.0 | 4.4 | 3.1 | 3.0 | 3.4 | 2.8 | 2.6 | 2.2 | 2.0 | 2.0 | 2.1 | 2.1 | 2.6 | 3.03 | 16 | 7.3 |
| 16 | 2.1 | 2.0 | 1.9 | 1.9 | 1.9 | 2.0 | 2.5 | 3.0 | 3.3 | 3.1 | 3.1 | 2.6 | 2.7 | 3.2 | 3.2 | 3.3 | 3.5 | 3.1 | 3.0 | 3.1 | 3.7 | 3.7 | 4.0 | 4.2 | 2.92 | 24 | 5.4 |
| 17 | 3.4 | 2.8 | 2.7 | 2.6 | 2.4 | 3.2 | 3.9 | 3.7 | 3.4 | 3.0 | 2.5 | 2.6 | 2.2 | 2.3 | 2.3 | 3.1 | 3.6 | 3.4 | 3.1 | 2.3 | 2.1 | 2.2 | 2.0 | 2.6 | 2.79 | 24 | 5.2 |
| 18* | 2.5 | 2.5 | 1.9 | 1.9 | 2.2 | 1.9 | 1.8 | 2.0 | 2.6 | 2.1 | 2.7 | 2.5 | 2.7 | 3.2 | 3.2 | 3.3 | 3.2 | 3.1 | 3.1 | 2.5 | 2.4 | 2.4 | 2.2 | 2.6 | 2.52 | 24 | 4.6 |
| 19* | 2.3 | 2.3 | 2.4 | 2.2 | 2.1 | 2.9 | 2.2 | 2.3 | 2.6 | 2.1 | 2.1 | 2.0 | 1.9 | 2.2 | 2.0 | 2.3 | 2.4 | 2.4 | 2.3 | 2.2 | 2.5 | 2.2 | 2.1 | 1.9 | 2.21 | 24 | 3.5 |
| 20 | 1.8 | 1.6 | 1.6 | 1.6 | 1.6 | 1.7 | 2.1 | 2.5 | 2.5 | 2.3 | | 3.1 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 2.9 | 2.6 | 2.4 | 2.7 | 2.5 | 2.3 | 2.3 | 2.35 | 23 | 4.3 |
| 21 | 2.5 | 2.1 | 2.0 | 2.0 | 2.0 | 2.1 | 2.4 | 2.9 | 3.5 | 3.4 | 3.0 | 2.5 | 2.4 | 2.6 | 2.6 | 2.8 | 2.8 | 3.4 | 2.9 | 2.7 | 2.7 | 2.3 | 2.3 | 2.4 | 2.58 | 24 | 4.2 |
| 22 | 2.1 | 2.6 | 2.1 | 2.1 | 1.9 | 2.0 | 2.4 | 2.8 | 2.7 | 2.8 | 2.8 | 3.2 | 3.1 | 3.0 | 3.2 | 3.4 | 3.3 | 2.9 | 2.9 | 2.5 | 2.4 | 2.3 | 2.3 | 2.2 | 2.62 | 24 | 4.4 |
| 23 | 2.1 | 2.0 | 2.0 | 2.1 | 2.2 | 2.3 | 3.3 | 3.7 | 4.0 | 3.0 | | 2.6 | | | 2.8 | 2.7 | 2.9 | 2.8 | 2.6 | 2.5 | 2.6 | 2.4 | 2.4 | 2.3 | 2.63 | 21 | 5.3 |
| 24 | 2.1 | 2.7 | 2.0 | 2.0 | 2.0 | 2.1 | 2.4 | | 3.1 | 2.9 | 2.8 | 2.5 | 2.4 | 2.5 | 2.6 | 3.0 | 2.8 | 2.9 | 2.7 | 2.6 | 2.5 | 2.5 | 2.8 | 2.9 | 2.54 | 23 | 3.9 |
| 25* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | | 2.5 | 2.2 | 2.1 | 2.0 | 2.1 | 2.8 | 3.6 | 3.8 | 3.2 | 2.9 | 2.8 | 2.7 | 2.9 | 3.0 | 3.8 | 4.1 | 3.8 | 3.0 | 2.8 | 2.7 | 2.5 | 2.4 | 2.2 | 2.86 | 23 | 5.5 |
| MEAN | 2.4 | 2.4 | 2.3 | 2.3 | 2.2 | 2.3 | 2.7 | 3.1 | 3.3 | 3.0 | 2.8 | 2.7 | 2.7 | 2.9 | 2.8 | 3.2 | 3.2 | 3.0 | 2.7 | 2.7 | 2.6 | 2.6 | 2.5 | 2.6 | 2.71 | - | |
| NO | 22 | 23 | 23 | 23 | 23 | 23 | 23 | 22 | 24 | 24 | 22 | 23 | 23 | 23 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 23 | 23 | | 559 | |
| MAX | 3.9 | 3.1 | 3.7 | 4.0 | 3.5 | 3.5 | 4.0 | 5.4 | 4.6 | 4.0 | 3.7 | 4.0 | 4.4 | 3.8 | 3.8 | 4.9 | 4.8 | 4.0 | 3.6 | 4.4 | 4.2 | 5.0 | 4.8 | 4.3 | 3.15 | | 11.6 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

## Table 3-47. MARCH, HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)
Flame Ionization Analysis

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO. OF HRS | 5 MIN MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.2 | 2.1 | 2.0 | 1.9 | 1.8 | 1.8 | 2.0 | 3.2 | 2.5 | 2.8 | 2.8 | 2.7 | 2.7 | 2.7 | 2.6 | 2.7 | 2.9 | 2.8 | 2.5 | 2.5 | 2.5 | 4.6 | 2.8 | 2.8 | 2.48 | 24 | 4.2 |
| 2 | 4.7 | 2.3 | 2.1 | 2.1 | 2.2 | 2.6 | 3.5 | 4.2 | 5.4 | 5.3 | | 4.6 | 3.5 | 3.3 | 3.2 | 3.6 | 4.0 | 4.7 | 5.3 | 3.8 | 3.8 | 4.1 | 4.3 | 4.1 | 3.75 | 23 | 7.5 |
| 3 | 4.3 | 4.0 | 3.6 | 2.9 | 2.5 | 2.3 | 3.2 | 3.9 | 4.1 | 3.6 | 3.0 | 2.8 | 2.6 | 2.8 | 2.9 | | 4.5 | 4.5 | 3.8 | 2.9 | 3.0 | 3.3 | 2.6 | 3.1 | 3.31 | 23 | 7.0 |
| 4* | 2.7 | 2.1 | 2.0 | 2.0 | 2.0 | 1.9 | 2.2 | 2.6 | 2.6 | 2.7 | 2.5 | 2.9 | 3.7 | 3.7 | 3.8 | 3.8 | 3.7 | 3.6 | 3.5 | 3.1 | 3.3 | 2.9 | 3.3 | 3.5 | 2.92 | 24 | 5.6 |
| 5* | 3.3 | 2.8 | 2.2 | 2.0 | 2.0 | 2.0 | 1.9 | 2.1 | 1.8 | 2.0 | 2.0 | 2.2 | 2.4 | 2.7 | 3.0 | 3.3 | 3.6 | 3.5 | | | 2.6 | | | | 2.47 | 19 | 4.5 |
| 6 | | | | | 1.8 | 2.1 | 2.7 | 3.5 | 4.0 | 4.0 | 3.1 | 2.9 | 2.9 | 2.7 | 2.6 | 3.2 | 2.9 | 2.7 | 2.5 | 2.6 | 2.6 | 2.8 | 2.6 | 2.3 | 2.80 | 20 | 6.2 |
| 7 | 3.5 | 3.3 | 3.5 | 2.2 | 2.0 | 2.3 | 2.7 | 3.1 | 3.6 | 3.2 | 3.1 | 2.8 | 2.7 | 2.7 | 2.8 | 3.4 | 3.4 | 3.3 | 2.7 | 2.8 | 2.8 | 2.6 | 2.5 | 2.9 | 2.90 | 24 | 8.5 |
| 8 | 2.3 | 2.4 | 2.0 | 2.0 | 2.0 | 2.1 | 2.5 | 3.2 | 3.6 | 3.2 | 2.7 | | 2.5 | 2.7 | 3.0 | 2.7 | 3.0 | 2.8 | 2.5 | 2.3 | 2.4 | 2.6 | 2.6 | 2.3 | 2.57 | 23 | 4.9 |
| 9 | 2.2 | 2.0 | 2.0 | 1.9 | 1.9 | 2.1 | 2.4 | 2.7 | 2.8 | 2.7 | 2.5 | 2.5 | 2.4 | 2.2 | 2.5 | 2.6 | 2.8 | 3.5 | 3.3 | 3.1 | 2.4 | 2.3 | 2.3 | 2.4 | 2.47 | 24 | 4.2 |
| 10 | 2.5 | 2.9 | 2.2 | 2.4 | 2.3 | 2.3 | 2.7 | 3.2 | 3.1 | 2.8 | 3.0 | 3.1 | 3.2 | 3.1 | 2.9 | 3.1 | 3.8 | 5.0 | 4.8 | 4.9 | 5.2 | 7.6 | 6.5 | 7.7 | 3.75 | 24 | 9.5 |
| 11* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12* | | | | | | | | | | | 3.4 | 3.0 | 3.2 | 3.1 | 3.4 | 4.2 | 4.4 | 3.6 | 3.9 | 3.1 | 2.9 | 2.8 | 2.3 | 2.1 | 3.25 | 14 | 5.4 |
| 13 | | | | | | | | | | | 3.3 | | | | 3.9 | 3.6 | 4.1 | 3.9 | 3.7 | 3.1 | 3.0 | 2.9 | 2.7 | 2.4 | 3.01 | 21 | 6.6 |
| 14 | 2.2 | 2.7 | 1.9 | 1.7 | 1.8 | 1.9 | 2.9 | 4.1 | 4.2 | 3.6 | | | | | | | | | 4.3 | 3.5 | 3.4 | 3.4 | 3.3 | 3.4 | 2.76 | 15 | 5.4 |
| 15 | 2.2 | 2.0 | 1.8 | 1.7 | 1.8 | 1.9 | 2.5 | 3.0 | 3.4 | | | | | | | | | | | | | | | | | | |
| 16 | 2.9 | 2.8 | 2.5 | 2.3 | 2.4 | 3.9 | 3.8 | 3.5 | 3.3 | 2.9 | 2.7 | 2.4 | 2.3 | 2.7 | 2.7 | 3.2 | 4.2 | 3.2 | 3.5 | 2.9 | 2.7 | 2.8 | 3.3 | 4.4 | 3.00 | 24 | 14.7 |
| 17 | 2.3 | 2.1 | 2.0 | 2.0 | 2.0 | 2.1 | 3.0 | 3.5 | 3.7 | 3.2 | 3.0 | 3.0 | 2.9 | 2.9 | 3.0 | 3.2 | 3.5 | 3.4 | 3.2 | 3.1 | 3.4 | 3.1 | 3.2 | 3.0 | 2.89 | 24 | 4.4 |
| 18* | 3.2 | 2.6 | 2.3 | 2.3 | 2.2 | 2.2 | 2.6 | 3.0 | 2.7 | 2.5 | 2.5 | 2.5 | 3.0 | 3.0 | 3.0 | 2.9 | 3.0 | 2.9 | 3.1 | 3.0 | 3.1 | 2.9 | 2.9 | 3.2 | 2.77 | 24 | 5.6 |
| 19* | 3.2 | 2.9 | 2.8 | 2.4 | 2.4 | 2.4 | 2.3 | 2.4 | 2.2 | 2.7 | 2.4 | 2.2 | 2.1 | 2.5 | 2.5 | 2.7 | 2.8 | 2.6 | 2.9 | 2.5 | 2.6 | 2.6 | 2.5 | 2.4 | 2.51 | 24 | 4.1 |
| 20 | 2.3 | | | | | | | | | | 3.1 | 3.6 | 3.7 | 4.2 | | 5.4 | 5.3 | 3.8 | 2.9 | 4.5 | 4.4 | 4.5 | 2.6 | 2.2 | 3.75 | 14 | 7.0 |
| 21 | 2.1 | 2.2 | 2.3 | 1.9 | 1.8 | 1.9 | 2.3 | 2.6 | 2.8 | 2.7 | 2.6 | 2.7 | 2.5 | 2.5 | 2.8 | 3.2 | 3.5 | 3.6 | 3.1 | 2.8 | 2.7 | 2.5 | 2.6 | 2.7 | 2.59 | 24 | 4.2 |
| 22 | 2.5 | 2.4 | 2.5 | 2.3 | 2.2 | 2.4 | 3.0 | 4.0 | 3.8 | 3.2 | 2.9 | 2.8 | 2.8 | 3.1 | 3.1 | 3.4 | 4.2 | 3.6 | 3.0 | 2.9 | 3.1 | 3.5 | 3.0 | 3.4 | 3.04 | 24 | 7.0 |
| 23 | 3.3 | 2.6 | 2.3 | 2.4 | 2.3 | 2.5 | 3.6 | 4.0 | 4.2 | 4.3 | 3.1 | 3.3 | 2.7 | 2.6 | 3.4 | 3.4 | 3.6 | 4.0 | 3.4 | 2.6 | 2.6 | 2.5 | 3.1 | 3.4 | 3.11 | 24 | 7.5 |
| 24 | 3.1 | 2.3 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 2.8 | 2.9 | 3.0 | 2.7 | 2.9 | 2.5 | 2.6 | 2.6 | 3.4 | 3.1 | 2.9 | 2.8 | 2.5 | 2.4 | 2.5 | 2.5 | 2.6 | 2.60 | 24 | 6.3 |
| 25* | 2.5 | 2.5 | 2.6 | 2.8 | 2.7 | 2.7 | 3.1 | 3.4 | 4.1 | 3.4 | 2.9 | 2.9 | 3.1 | 3.2 | 3.0 | 2.7 | 2.9 | 2.9 | 3.0 | 3.4 | 6.0 | 5.6 | 5.5 | 5.7 | 3.45 | 24 | 8.6 |
| 26* | 4.4 | 3.5 | 2.5 | 2.4 | 2.3 | 2.3 | 2.5 | 2.8 | 2.8 | 3.1 | 3.1 | 2.6 | 3.0 | 3.2 | 2.3 | 2.4 | 2.6 | 2.3 | 1.9 | 2.1 | 2.2 | 1.9 | 1.8 | 1.8 | 2.56 | 24 | 7.0 |
| 27 | 1.6 | | | | | | 2.1 | 2.3 | 2.4 | 3.0 | 3.3 | 3.3 | 2.7 | | | | 3.6 | 3.6 | 2.7 | 2.8 | 2.8 | 2.9 | 2.7 | 2.8 | 2.78 | 16 | 4.9 |
| 28 | 2.5 | 2.5 | 2.1 | 2.1 | 2.1 | 2.2 | 2.9 | 3.8 | 4.4 | 3.3 | 2.8 | 3.1 | 3.9 | 3.9 | 3.5 | 3.7 | 4.4 | 4.3 | 4.1 | 3.8 | 2.8 | 3.0 | 2.9 | 3.0 | 3.19 | 24 | 6.1 |
| 29 | 2.9 | 2.5 | 2.2 | 2.2 | 2.1 | 2.3 | 3.4 | 4.4 | 4.1 | 3.3 | 3.1 | 3.3 | 3.2 | 3.6 | 4.3 | 4.7 | 4.4 | 3.8 | 2.5 | 2.5 | 2.2 | 2.4 | 2.2 | 2.4 | 3.08 | 24 | 6.0 |
| 30 | 2.3 | 2.1 | 2.2 | 2.0 | 2.1 | 2.0 | 2.4 | 2.8 | 3.1 | 3.0 | 3.1 | 3.2 | 2.7 | 2.9 | 3.2 | 3.1 | 3.2 | 3.3 | 3.0 | 2.6 | 2.7 | 2.4 | 2.4 | 2.5 | 2.67 | 24 | 5.3 |
| 31 | 3.0 | 2.3 | 2.1 | 2.1 | 2.0 | 2.1 | 2.3 | 2.7 | 2.8 | 3.0 | 2.8 | | | 3.0 | 3.6 | 4.0 | 3.4 | 3.6 | 4.1 | 3.1 | 3.7 | 3.2 | 2.6 | 2.7 | 2.89 | 22 | 5.2 |
| MEAN | 2.8 | 2.5 | 2.3 | 2.1 | 2.1 | 2.2 | 2.7 | 3.2 | 3.4 | 3.1 | 2.9 | 2.9 | 2.9 | 3.0 | 3.0 | 3.4 | 3.6 | 3.5 | 3.3 | 3.0 | 3.1 | 3.1 | 3.0 | 3.1 | 2.93 | | |
| NO | 27 | 25 | 25 | 25 | 26 | 26 | 27 | 27 | 27 | 26 | 27 | 25 | 26 | 26 | 26 | 26 | 26 | 28 | 28 | 28 | 29 | 28 | 28 | 28 | | 642 | |
| MAX | 4.7 | 4.0 | 3.6 | 2.9 | 2.7 | 3.0 | 3.8 | 4.4 | 5.4 | 5.3 | 3.4 | 4.6 | 3.9 | 4.2 | 4.3 | 5.4 | 5.3 | 5.0 | 5.3 | 4.9 | 6.0 | 7.6 | 6.5 | 7.7 | 3.75 | | 14.7 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

**Table 3-48. APRIL. HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)**
**Flame Ionization Analysis**

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO. OF HRS | 5-MIN MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1* | 2.4 | 2.4 | 2.8 | 2.9 | 2.9 | 3.0 | 3.0 | 4.3 | 5.0 | 4.9 | 3.2 | 3.8 | 4.1 | 4.1 | 3.4 | 4.2 | 4.9 | 4.8 | 3.6 | 3.8 | 3.6 | 3.7 | 3.1 | 3.7 | 3.64 | 24 | 7.9 |
| 2* | 4.7 | 5.5 | 3.8 | 4.1 | 3.7 | 2.4 | 1.9 | 1.9 | 1.8 | 1.9 | 1.9 | 1.9 | 1.9 | 2.0 | 2.0 | 2.1 | 2.2 | 2.2 | 2.1 | 2.1 | 2.4 | 2.5 | 2.3 | 2.1 | 2.55 | 24 | 6.6 |
| 3 | 2.0 | 1.9 | 1.8 | 1.8 | 1.7 | | | | 2.9 | 2.9 | | 2.5 | 2.4 | 2.7 | | | 3.4 | 3.9 | 2.8 | 2.4 | 2.5 | 2.4 | 2.4 | 2.2 | 2.47 | 18 | 4.8 |
| 4 | 2.4 | 3.1 | 2.7 | 2.4 | 2.5 | 2.5 | 2.9 | 3.1 | 3.0 | 2.8 | | 2.5 | 2.4 | 2.6 | 2.8 | 2.9 | 2.5 | 2.8 | 2.6 | 2.4 | 2.5 | 2.6 | 2.6 | 5.6 | 2.78 | 23 | 14.5 |
| 5 | 3.9 | 2.9 | 3.1 | 4.0 | 5.4 | 5.2 | 6.4 | 6.8 | 7.8 | 7.7 | 6.0 | 4.4 | 3.7 | 3.8 | 4.4 | 5.2 | 4.7 | 6.7 | 5.4 | 6.5 | 4.2 | 3.1 | 3.1 | 3.4 | 4.85 | 24 | 9.8 |
| 6 | 3.1 | 3.3 | 3.0 | 2.6 | 2.4 | 2.5 | 3.3 | 4.4 | 4.5 | 4.0 | 3.3 | 3.8 | 3.6 | 3.5 | 4.0 | 4.5 | 4.9 | 5.2 | 4.7 | 3.4 | 3.5 | 2.9 | 3.5 | 2.6 | 3.57 | 24 | 8.1 |
| 7 | 2.3 | 2.2 | 2.2 | 2.1 | 2.1 | 2.1 | 2.8 | 3.9 | 4.0 | 3.7 | 3.4 | 3.0 | 3.1 | 3.7 | | 3.1 | 3.8 | 3.3 | 2.6 | 2.7 | 2.6 | 2.6 | 3.1 | 5.1 | 2.98 | 23 | 8.7 |
| 8* | 4.2 | 3.5 | 3.4 | 3.4 | 3.3 | 3.0 | 3.3 | 3.0 | 3.1 | 2.9 | 2.7 | 3.1 | 3.2 | 3.1 | 3.1 | 2.7 | 3.5 | 3.0 | 2.8 | 2.8 | 2.6 | 2.8 | 2.8 | 2.8 | 3.06 | 24 | 5.1 |
| 9* | 2.6 | 2.5 | 2.5 | 2.4 | 2.3 | 2.1 | 2.4 | 2.3 | 2.3 | 2.4 | 2.3 | 2.3 | 2.4 | 2.3 | 2.3 | 2.5 | 2.9 | 2.8 | 2.8 | 2.9 | 2.8 | 2.9 | 2.9 | 2.7 | 2.51 | 24 | 3.7 |
| 10 | 2.5 | 2.1 | 2.2 | 2.2 | 2.1 | 2.3 | 3.0 | 3.3 | 3.7 | 3.2 | 3.3 | 3.1 | 3.0 | 3.5 | 3.4 | | | 3.9 | 3.5 | 3.1 | 2.9 | 2.9 | 2.5 | 2.3 | 2.89 | 22 | 5.1 |
| 11 | 2.2 | 2.1 | 2.1 | 2.0 | 2.0 | 2.2 | 2.9 | 3.8 | 3.5 | 3.3 | 2.9 | 2.8 | 2.9 | 2.9 | 3.1 | 3.5 | 3.8 | 4.3 | 3.8 | 2.9 | 3.1 | 3.2 | 3.2 | 2.6 | 2.95 | 24 | 6.0 |
| 12 | 2.5 | 2.3 | 2.1 | 2.0 | 1.9 | 2.0 | 2.3 | 2.4 | 2.9 | 2.4 | 2.7 | 3.0 | 3.4 | 4.2 | 4.2 | 5.0 | 5.6 | 5.5 | 4.1 | 3.8 | 3.5 | 2.8 | 2.8 | 3.1 | 3.19 | 24 | 6.7 |
| 13 | 2.7 | 2.3 | 2.2 | 2.2 | 2.1 | 2.3 | 3.5 | 5.0 | 4.3 | 4.3 | 3.9 | 4.0 | 5.2 | 5.8 | 5.6 | 7.0 | 4.4 | 4.6 | 3.3 | 4.7 | 4.0 | 2.8 | 2.8 | 2.8 | 3.80 | 24 | 10.3 |
| 14 | 2.3 | 2.4 | 2.2 | 2.1 | 2.0 | 2.2 | 2.3 | 2.7 | 3.0 | 3.0 | 3.0 | 2.9 | 2.6 | 2.8 | 2.6 | | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 2.8 | 2.7 | 2.7 | 2.58 | 23 | 3.8 |
| 15* | 2.6 | 2.4 | 2.4 | 2.2 | 2.1 | 2.1 | 2.1 | 2.1 | 2.4 | 3.0 | 2.5 | 2.5 | 2.8 | 2.5 | 2.6 | 2.7 | 2.8 | 2.6 | 3.3 | 4.8 | 5.6 | 5.5 | 6.6 | 8.3 | 3.26 | 24 | 11.0 |
| 16* | 6.4 | 5.5 | 5.3 | 3.9 | 2.9 | 3.0 | 2.6 | 2.5 | 2.6 | 2.4 | 2.4 | 2.0 | 2.7 | 2.5 | 2.7 | 2.4 | 3.5 | 3.8 | 9.1 | 4.2 | 4.9 | 3.3 | 2.3 | 2.2 | 3.52 | 24 | 11.7 |
| 17 | 2.0 | 1.9 | 1.9 | 1.9 | 2.0 | 2.0 | 2.2 | 2.3 | 2.3 | 2.2 | 2.2 | 2.1 | 2.1 | 2.2 | | 2.3 | 2.5 | 2.4 | 2.2 | 2.1 | 2.1 | 2.1 | 2.1 | 2.2 | 2.13 | 23 | 2.8 |
| 18 | 2.2 | 2.7 | 2.1 | 2.0 | 1.9 | 2.1 | 2.9 | 3.6 | 3.8 | 3.5 | 3.0 | 3.1 | 2.4 | 3.2 | 2.9 | 3.2 | 3.5 | 3.5 | 4.1 | 2.6 | 2.7 | 3.1 | 3.2 | 2.9 | 2.93 | 24 | 7.4 |
| 19 | 2.5 | 2.3 | 2.4 | 2.2 | 2.0 | 2.0 | 2.8 | 3.8 | 3.7 | 3.3 | 2.9 | 2.9 | 3.1 | 3.1 | 3.1 | 3.5 | 3.6 | 4.0 | 3.5 | 3.2 | 3.2 | 3.5 | 3.4 | 3.1 | 3.03 | 24 | 6.6 |
| 20 | 2.9 | 2.2 | 2.1 | 2.2 | 2.1 | 2.2 | 2.4 | 2.8 | 2.8 | 2.5 | 2.8 | 3.0 | 3.0 | 4.3 | 3.3 | 3.0 | 3.8 | 3.7 | 3.4 | 3.2 | 3.4 | 3.8 | 4.0 | 3.3 | 2.99 | 24 | 5.3 |
| 21 | 3.6 | 6.4 | 4.5 | 2.4 | 2.9 | 3.0 | 3.6 | 4.3 | 3.6 | 3.2 | 3.7 | 3.9 | 3.6 | 3.7 | | 5.2 | 3.9 | 3.4 | 3.1 | 4.3 | 3.8 | 3.6 | 4.8 | 3.6 | 3.81 | 23 | 10.6 |
| 22* | 2.6 | 2.4 | 2.1 | 2.0 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.2 | 2.2 | 2.2 | 2.3 | 2.8 | 2.4 | 2.3 | 2.5 | 2.4 | 2.3 | 2.6 | 2.9 | 2.6 | 2.6 | 2.8 | 2.36 | 24 | 4.3 |
| 23* | 2.9 | 2.6 | 2.4 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.2 | 2.2 | 2.2 | 2.3 | 2.4 | 2.5 | 2.9 | 3.0 | 3.3 | 3.2 | 3.0 | 2.8 | 2.6 | 2.8 | 2.7 | 3.0 | 2.60 | 24 | 4.4 |
| 24 | 2.5 | 2.4 | 2.5 | 2.5 | 2.4 | 2.6 | 3.5 | 4.3 | 4.2 | 4.2 | 3.5 | 3.1 | 2.8 | 2.9 | | 4.0 | 4.2 | 3.9 | 3.4 | 2.8 | 2.5 | 3.2 | 3.9 | 4.3 | 3.27 | 23 | 8.9 |
| 25 | 5.5 | 7.0 | 5.1 | 4.0 | 3.2 | 4.1 | 4.4 | 3.5 | 3.2 | 2.6 | 2.7 | 2.8 | 3.0 | 3.0 | 3.0 | 3.7 | 4.5 | 4.3 | 3.6 | 3.0 | 3.1 | 3.2 | 3.0 | 2.8 | 3.67 | 24 | 8.8 |
| 26 | 2.5 | 2.3 | 2.2 | 2.1 | 2.1 | 2.3 | 3.2 | 4.4 | 4.5 | 4.1 | 4.1 | 3.6 | 3.3 | 3.5 | 3.5 | 4.6 | 4.7 | 4.5 | 3.9 | 3.7 | 3.9 | 4.2 | 4.1 | 3.7 | 3.53 | 24 | 5.8 |
| 27 | 3.9 | 3.7 | 3.5 | 3.6 | 4.2 | 4.6 | 4.9 | 4.0 | 3.1 | 3.0 | 2.9 | 3.1 | 3.0 | 3.2 | 3.3 | 3.9 | 4.6 | 4.7 | 3.9 | 3.7 | 3.5 | 3.6 | 3.8 | 4.3 | 3.74 | 24 | 6.5 |
| 28 | 2.8 | 2.5 | 2.6 | 3.7 | 4.3 | 4.7 | 4.5 | 5.5 | 4.8 | 3.8 | | 3.1 | 3.4 | 3.5 | 3.4 | 4.2 | 4.3 | 4.6 | 3.4 | 4.0 | 4.2 | 3.3 | 3.4 | 3.2 | 3.76 | 23 | 7.5 |
| 29* | 3.0 | 2.9 | 2.9 | 2.3 | 2.4 | 2.3 | 2.6 | 3.9 | 3.1 | 3.2 | 3.6 | 3.2 | 3.3 | 3.4 | 3.4 | 3.3 | 3.3 | 3.4 | 3.3 | 3.0 | 3.3 | 3.1 | 2.8 | 2.9 | 3.07 | 24 | 4.9 |
| 30* | 2.8 | 2.7 | 2.6 | 2.7 | 2.4 | 2.5 | 2.7 | 2.6 | 2.6 | 2.6 | 2.7 | 2.8 | 3.0 | 3.0 | 3.3 | 3.1 | 3.0 | 2.9 | 2.9 | 2.7 | 2.7 | 2.6 | 2.5 | 2.4 | 2.74 | 24 | 3.8 |
| MEAN | 3.0 | 3.0 | 2.7 | 2.6 | 2.6 | 2.7 | 3.0 | 3.5 | 3.4 | 3.2 | 3.0 | 3.0 | 3.0 | 3.2 | 3.2 | 3.6 | 3.7 | 3.8 | 3.5 | 3.3 | 3.2 | 3.1 | 3.2 | 3.3 | 3.15 | | |
| NO | 30 | 30 | 30 | 30 | 30 | 29 | 29 | 29 | 30 | 30 | 27 | 30 | 30 | 30 | 25 | 27 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | 705 | |
| MAX | 6.4 | 7.0 | 5.3 | 4.1 | 5.4 | 5.2 | 6.4 | 6.8 | 7.8 | 7.0 | 6.0 | 4.4 | 5.2 | 5.8 | 5.6 | 7.0 | 5.6 | 6.7 | 9.1 | 6.5 | 5.6 | 5.5 | 6.6 | 8.3 | 4.85 | | 14.5 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

**Table 3-49. MAY, HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)**
**Flame Ionization Analysis**

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO. OF HRS | 5-MIN MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.3 | 2.3 | 2.3 | 2.4 | 2.9 | 4.2 | 5.9 | 5.1 | 3.7 | 3.5 | | 2.5 | 2.3 | 2.5 | 2.6 | 2.9 | 2.5 | 2.2 | 2.3 | 2.3 | 2.4 | 2.3 | 2.0 | 2.0 | 2.83 | 23 | 7.5 |
| 2 | 3.8 | 2.0 | 1.9 | 1.9 | 1.9 | 2.3 | 2.5 | 2.5 | 2.6 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.6 | 2.9 | 2.9 | 2.3 | 2.3 | 2.3 | 2.7 | 2.7 | 2.8 | 2.3 | 2.43 | 24 | 6.9 |
| 3 | 2.2 | 2.1 | 2.3 | 2.3 | 2.4 | 3.0 | 3.7 | 3.4 | 3.6 | 2.8 | 2.5 | 3.1 | 2.9 | 2.7 | 2.4 | 2.8 | 3.3 | 2.7 | 2.4 | 2.3 | 2.4 | 2.6 | 3.0 | 2.4 | 2.71 | 24 | 5.4 |
| 4 | 2.2 | 2.3 | 2.2 | 2.1 | 2.1 | 3.2 | 3.9 | 3.5 | 3.5 | 3.7 | 3.4 | 3.1 | 2.9 | 3.0 | 3.2 | 3.6 | 3.4 | 3.1 | 2.3 | 2.7 | 2.5 | 2.5 | 2.3 | 2.5 | 2.86 | 24 | 5.5 |
| 5 | 2.2 | 2.1 | 2.0 | 2.4 | 2.9 | 2.8 | 3.3 | 3.1 | 2.6 | 2.9 | 3.3 | 2.6 | 3.0 | 2.9 | 4.6 | 4.7 | 3.9 | 3.5 | 3.0 | 3.2 | 3.4 | 3.5 | 3.5 | 3.0 | 3.08 | 24 | 6.6 |
| 6* | 2.7 | 2.6 | 2.4 | 2.4 | 2.4 | 2.6 | 2.9 | 3.0 | 3.0 | 3.1 | 3.0 | 3.3 | 3.2 | 3.4 | 4.1 | 4.0 | 3.9 | 3.6 | 3.3 | 3.9 | 3.7 | 3.7 | 4.1 | 3.8 | 3.24 | 24 | 5.2 |
| 7* | 3.3 | 2.5 | 2.3 | 2.3 | 2.2 | 2.3 | 2.4 | 2.2 | 2.5 | 2.3 | 2.9 | 2.4 | 2.7 | 2.6 | 2.9 | 2.5 | 2.3 | 2.3 | 2.4 | 2.3 | 2.2 | 2.3 | 2.1 | 2.1 | 2.40 | 24 | 4.2 |
| 8 | 2.1 | 2.0 | 1.9 | 1.9 | 2.0 | 2.7 | 3.0 | 3.1 | 3.1 | | | 2.9 | 2.9 | 3.1 | | 3.0 | 3.7 | 3.0 | 2.6 | 2.6 | 2.5 | 2.5 | 2.7 | 2.5 | 2.65 | 21 | 5.4 |
| 9 | 2.3 | | | | 2.4 | 3.1 | 3.5 | 3.8 | 2.8 | 3.1 | 3.9 | 3.1 | 2.9 | 3.2 | 2.6 | 3.1 | 3.2 | 2.5 | 2.2 | 2.9 | 4.2 | 5.4 | 4.4 | 5.6 | 3.32 | 21 | 10.7 |
| 10 | 5.8 | 7.4 | 5.0 | 2.1 | 2.0 | 3.2 | 3.8 | 4.2 | 3.6 | 3.4 | 3.0 | 3.2 | 3.7 | 3.1 | 3.9 | 3.1 | 3.1 | 2.6 | 2.8 | 2.6 | 3.7 | 3.0 | 2.8 | 1.9 | 3.45 | 24 | 12.1 |
| 11 | 1.7 | 1.7 | 1.8 | 2.1 | 2.6 | 4.3 | 4.7 | 4.1 | 3.8 | 3.6 | 3.9 | 3.5 | 3.5 | 3.6 | 4.1 | 4.6 | 4.3 | 3.2 | 3.0 | 3.1 | 3.0 | 2.5 | 2.4 | 2.1 | 3.20 | 24 | 7.9 |
| 12 | 2.0 | 1.9 | 1.8 | 1.8 | 2.0 | 3.2 | 3.9 | 3.9 | 3.4 | 3.5 | 3.0 | 3.3 | 3.0 | | 4.4 | 3.8 | 3.9 | 3.2 | 2.9 | 2.6 | 2.8 | 2.8 | 2.8 | 2.8 | 2.97 | 23 | 6.1 |
| 13* | 2.5 | 2.8 | 2.5 | 2.4 | 2.2 | 2.5 | 2.6 | 3.0 | 2.9 | 3.1 | 3.0 | 3.1 | 3.3 | 3.3 | 3.9 | 4.1 | 3.4 | 3.2 | 2.8 | 3.0 | 2.9 | 3.1 | 3.5 | 3.7 | 3.01 | 24 | 4.8 |
| 14* | 2.9 | 2.5 | 2.3 | 2.1 | 2.2 | 2.2 | 2.2 | 2.2 | 2.3 | 2.3 | 2.4 | 2.5 | 2.9 | 3.1 | 3.4 | 3.4 | 3.3 | 3.4 | 2.8 | 3.0 | 3.3 | 2.9 | 3.1 | 2.9 | 2.73 | 24 | 5.0 |
| 15 | 2.8 | 2.8 | 3.2 | 2.7 | 2.7 | 3.4 | 4.4 | 4.3 | 4.2 | 3.4 | | | 3.6 | 3.6 | 3.7 | 3.2 | 3.7 | 2.9 | 2.9 | 3.2 | 2.6 | 3.2 | 4.0 | | 3.33 | 21 | 5.8 |
| 16 | | | | 3.3 | 3.0 | 3.0 | 3.7 | 3.5 | 3.1 | 2.7 | 2.6 | 2.5 | 2.6 | 2.8 | 3.6 | 3.9 | 4.3 | 3.7 | 3.6 | 4.0 | 4.5 | 7.1 | 9.0 | 11.3 | 4.17 | 21 | 18.1 |
| 17 | 7.7 | 3.6 | 3.5 | 3.3 | 3.3 | 3.5 | 4.1 | 3.9 | 3.4 | 3.0 | 2.7 | 2.6 | 2.8 | 2.9 | 3.3 | 3.6 | 3.9 | 3.0 | 2.8 | 3.2 | 3.2 | 4.0 | 4.9 | | 3.56 | 23 | 11.4 |
| 18 | | 3.4 | 3.4 | 2.5 | 2.4 | 2.9 | 3.0 | 2.9 | 2.6 | 2.5 | 2.3 | 2.2 | 2.4 | 2.5 | 2.7 | 2.6 | 2.4 | 2.4 | 2.4 | 2.4 | 2.3 | 2.3 | 2.6 | | 2.57 | 22 | 3.9 |
| 19 | | | | | | | | | | 2.6 | 2.5 | 2.3 | | 2.4 | 2.5 | 2.5 | 2.4 | 2.3 | 2.2 | 2.3 | 2.4 | 2.8 | 3.5 | 3.0 | 2.53 | 14 | 4.6 |
| 20* | 2.5 | 2.3 | 2.1 | 2.0 | 2.2 | 2.4 | 2.5 | 2.8 | 3.2 | 3.2 | 2.8 | 3.5 | 2.6 | 2.2 | 2.4 | 2.5 | 2.3 | 2.3 | 2.5 | 3.0 | 3.1 | 3.5 | 3.3 | 3.7 | 2.69 | 24 | 6.0 |
| 21* | 3.3 | 2.7 | 2.8 | 2.5 | 2.5 | 2.3 | 2.2 | 2.1 | 2.0 | 2.1 | 2.3 | 2.1 | 2.0 | 2.1 | 2.7 | 2.8 | 3.0 | 3.2 | 3.2 | 2.9 | 2.8 | 2.7 | 2.6 | 2.3 | 2.54 | 24 | 4.5 |
| 22 | 2.0 | 1.9 | 1.9 | 1.9 | 2.0 | 3.4 | 5.0 | 4.3 | 3.8 | 3.0 | | 3.1 | 3.4 | 3.4 | 4.0 | 4.1 | 3.9 | 3.6 | 3.4 | 3.1 | 3.0 | 2.9 | 2.4 | 2.4 | 3.12 | 23 | 9.3 |
| 23 | 2.0 | 2.5 | 2.2 | 2.4 | 2.3 | 2.3 | 2.7 | 2.8 | 3.2 | 3.0 | 2.9 | 2.5 | 2.7 | 2.5 | 2.6 | 3.6 | 3.6 | 3.3 | 2.8 | 2.5 | | 2.3 | 2.4 | 2.3 | 2.66 | 23 | 5.1 |
| 24 | 2.5 | 2.1 | 2.1 | 2.1 | 2.1 | 2.7 | | | 3.3 | 2.9 | 2.7 | 2.9 | 3.4 | 3.9 | 4.4 | 4.1 | 4.5 | 3.7 | 3.1 | 3.1 | 3.3 | 3.4 | 3.1 | 3.0 | 3.09 | 22 | 6.6 |
| 25 | 2.7 | 2.1 | 2.1 | 2.0 | 1.9 | 3.7 | 4.7 | 4.3 | 4.3 | 3.7 | 3.8 | 3.7 | 3.5 | 3.7 | 4.5 | 4.7 | 4.7 | 5.1 | 2.8 | 2.3 | 2.6 | 2.3 | 2.7 | 2.0 | 3.32 | 24 | 7.2 |
| 26 | 1.7 | 2.1 | 1.6 | 1.6 | 1.5 | 3.2 | 3.1 | 3.5 | 3.2 | 2.9 | 2.6 | 2.6 | 2.7 | | | 3.1 | 3.0 | 2.3 | 2.9 | 3.8 | 3.8 | 3.6 | 3.1 | 3.3 | 2.77 | 22 | 5.1 |
| 27* | 3.2 | 3.4 | 2.5 | 2.3 | 2.1 | 2.3 | 2.4 | 2.3 | 2.2 | 2.4 | 2.6 | 2.8 | 2.9 | 3.5 | 3.0 | 2.4 | 2.6 | 2.4 | 2.3 | 2.5 | 2.5 | 2.7 | 2.9 | 2.8 | 2.62 | 24 | 5.2 |
| 28* | 2.4 | 2.3 | 2.0 | 1.8 | 1.8 | 1.8 | 2.1 | 2.0 | 2.1 | 2.1 | 2.5 | 2.4 | 2.8 | 3.0 | 3.5 | 2.9 | 3.1 | 3.1 | 2.6 | 2.4 | 2.4 | 2.6 | 2.3 | 1.9 | 2.41 | 24 | 4.3 |
| 29 | 2.1 | 1.7 | 1.5 | 1.6 | 1.7 | 2.6 | 3.9 | 4.3 | | 4.2 | 4.0 | 3.2 | 3.1 | 3.8 | 4.0 | 3.6 | 3.9 | 3.1 | 2.5 | 2.9 | 2.6 | 2.5 | 2.1 | 2.5 | 2.93 | 23 | 6.7 |
| 30 | 2.2 | 1.7 | 1.7 | 1.6 | 1.6 | 1.7 | 1.9 | 1.9 | 2.0 | 2.1 | 2.1 | 2.5 | 2.6 | 3.2 | 4.4 | 3.3 | 3.1 | 3.2 | 2.2 | 1.9 | 2.2 | 2.2 | 2.0 | 1.8 | 2.29 | 24 | 6.4 |
| 31 | 1.5 | 1.4 | 1.5 | 1.4 | 1.8 | 3.3 | 4.1 | 4.1 | 3.7 | 3.0 | 2.9 | 3.6 | 3.0 | 3.2 | 3.5 | 3.7 | 3.8 | 3.1 | 2.4 | 2.4 | 2.4 | 2.6 | 2.0 | 1.9 | 2.74 | 24 | 5.9 |
| MEAN | 2.7 | 2.5 | 2.3 | 2.2 | 2.2 | 2.9 | 3.4 | 3.3 | 3.1 | 3.0 | 2.9 | 2.8 | 2.9 | 3.0 | 3.4 | 3.4 | 3.4 | 3.0 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.0 | 2.91 | | |
| NO | 28 | 28 | 28 | 29 | 30 | 30 | 29 | 29 | 29 | 30 | 27 | 30 | 30 | 29 | 29 | 31 | 31 | 31 | 31 | 31 | 30 | 31 | 31 | 28 | | 710 | |
| MAX | 7.7 | 7.4 | 5.0 | 3.3 | 3.3 | 4.3 | 5.9 | 5.1 | 4.3 | 4.2 | 4.0 | 3.7 | 3.7 | 3.9 | 4.6 | 4.7 | 4.7 | 5.1 | 3.6 | 4.0 | 4.5 | 7.1 | 9.0 | 11.3 | 4.17 | | 18.1 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

## Table 3-50. JUNE, HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)
### Flame Ionization Analysis

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO. OF HRS. | 5-MIN MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.7 | 1.5 | 1.7 | 1.7 | 2.1 | 3.2 | 3.9 | 4.7 | 4.3 | 4.2 | 3.5 | 3.5 | 3.7 | 3.5 | 4.3 | 4.1 | 4.0 | 3.2 | 3.0 | 3.1 | 3.0 | 3.1 | 2.6 | 2.7 | 3.16 | 24 | 6.7 |
| 2 | 2.2 | 3.5 | 3.0 | 2.4 | 2.6 | 3.9 | 4.4 | 4.4 | 5.0 | 4.4 | 4.1 | 3.9 | 4.6 | 4.1 | 4.5 | 4.4 | 4.8 | 3.9 | 3.2 | 3.6 | 2.8 | 2.7 | 3.6 | 4.1 | 3.73 | 24 | 9.9 |
| 3* | 2.7 | 2.4 | 3.6 | 3.0 | 2.8 | 3.0 | 3.5 | 3.7 | 4.2 | 4.4 | 5.0 | 4.1 | 3.7 | 3.3 | 3.4 | 3.9 | 3.9 | 3.8 | 3.4 | 4.3 | 3.7 | 3.7 | 5.1 | 5.7 | 3.75 | 24 | 8.5 |
| 4* | 7.4 | 5.7 | 4.6 | 3.4 | 3.6 | 3.6 | 3.7 | 2.5 | 3.7 | 3.9 | 2.8 | 2.9 | 2.9 | 3.4 | 3.9 | 4.0 | 4.0 | 3.6 | 3.3 | 3.5 | 3.5 | 3.4 | 3.1 | 3.9 | 3.75 | 24 | 9.4 |
| 5 | 3.7 | 3.0 | 3.1 | 3.7 | 3.4 | 4.7 | 4.7 | 5.3 | 5.1 | | 3.1 | 3.4 | 3.7 | 3.6 | 4.9 | 5.6 | 5.8 | 3.6 | 3.4 | 3.4 | 3.5 | 4.1 | 3.2 | 2.4 | 3.87 | 23 | 7.8 |
| 6 | 2.0 | 2.6 | 3.7 | 3.5 | 4.5 | 5.2 | 5.8 | 3.8 | 4.4 | 3.9 | 4.0 | 3.0 | 3.0 | 3.1 | 3.8 | 3.3 | 4.4 | 2.9 | 3.1 | 3.0 | 3.7 | 2.7 | 2.4 | 2.3 | 3.44 | 24 | 7.8 |
| 7 | 2.1 | 2.0 | 2.3 | 2.1 | 2.7 | 2.9 | 4.8 | 5.0 | 4.1 | 3.4 | 3.0 | 2.8 | 4.2 | 5.5 | 4.0 | 4.6 | 4.7 | 3.7 | 3.2 | 3.2 | 4.7 | 4.7 | 2.9 | 4.1 | 3.58 | 24 | 7.8 |
| 8 | 2.6 | 2.3 | 2.2 | 2.3 | 2.3 | 2.7 | 2.6 | 2.6 | 2.3 | 2.5 | 2.5 | 2.4 | 2.7 | 2.7 | 3.0 | 2.9 | 3.6 | 3.4 | 2.8 | 3.0 | 3.0 | 2.8 | 2.7 | 4.0 | 2.73 | 24 | 6.9 |
| 9 | 2.4 | | 2.1 | 2.0 | 2.1 | 2.8 | 2.9 | 2.8 | 2.9 | 2.9 | 3.3 | 4.2 | 3.7 | 2.9 | 3.3 | 4.1 | 4.2 | 3.7 | 2.9 | 3.0 | 3.8 | 4.9 | 4.7 | | 3.22 | 22 | 6.0 |
| 10* | | | | 2.3 | 2.4 | 2.5 | 2.7 | 3.1 | 3.7 | 2.9 | 3.1 | 2.9 | 3.0 | 3.3 | 3.3 | | | | 4.0 | 3.7 | 3.5 | 3.0 | 2.7 | 3.3 | 3.05 | 18 | 5.7 |
| 11* | 2.7 | 2.2 | 2.0 | 2.1 | 2.2 | 2.4 | 2.6 | 2.3 | 2.1 | 2.2 | 2.3 | 2.7 | 2.4 | 2.4 | 2.4 | 2.6 | 2.5 | 2.1 | 2.2 | 2.7 | 3.8 | 3.7 | 3.2 | 3.3 | 2.53 | 24 | 6.1 |
| 12 | 2.9 | 2.3 | 2.2 | 2.0 | 2.1 | 3.1 | 3.6 | 4.0 | | | | 3.3 | 3.7 | 2.9 | 5.1 | 5.3 | 4.9 | 4.5 | 3.8 | 5.1 | 4.4 | 4.4 | 4.8 | 3.3 | 3.69 | 21 | 16.1 |
| 13 | 3.4 | 2.9 | 4.2 | 2.7 | 2.7 | 3.0 | 5.1 | 4.6 | 3.7 | 3.4 | 3.3 | 2.8 | 2.7 | 2.9 | 4.8 | 3.9 | 3.5 | 3.8 | 3.4 | 4.0 | 3.6 | 6.2 | 6.2 | 3.7 | 3.75 | 24 | 12.8 |
| 14 | | 3.3 | 3.1 | 2.8 | 3.7 | 5.5 | 5.5 | 4.6 | 3.3 | 3.1 | 3.4 | 2.9 | 3.0 | 3.1 | 3.5 | 3.7 | 3.6 | 3.4 | 3.8 | 3.5 | 3.2 | 3.4 | 5.7 | 3.3 | 3.66 | 23 | 10.1 |
| 15 | 2.8 | 2.5 | 2.4 | 2.4 | 2.5 | 2.9 | 4.0 | 4.0 | 3.8 | 3.5 | 3.3 | 2.8 | 3.0 | 3.5 | 3.8 | 3.9 | 3.2 | 3.3 | 3.1 | 3.5 | 4.0 | 3.0 | 3.0 | 5.6 | 3.31 | 24 | 9.9 |
| 16 | 4.4 | 3.3 | 2.8 | 2.5 | 2.8 | 4.7 | 5.8 | 5.2 | 5.7 | 3.6 | 3.2 | 2.8 | | | 5.7 | 5.4 | 5.6 | 4.8 | 3.9 | 3.4 | 3.5 | 4.7 | 4.4 | 3.8 | 4.14 | 22 | 9.6 |
| 17* | 3.2 | 2.9 | 3.7 | 5.5 | 3.0 | 3.2 | 2.9 | 4.0 | 3.6 | 3.9 | 3.9 | 4.3 | 4.2 | 4.1 | 4.3 | 4.0 | 4.3 | 4.0 | 4.2 | 4.5 | 4.5 | 5.0 | 4.5 | 4.3 | 3.98 | 24 | 11.4 |
| 18* | 3.7 | 3.0 | 2.8 | 2.3 | 2.7 | 9.0 | 3.8 | 2.7 | 3.3 | 3.1 | 3.0 | 3.1 | 3.2 | 3.4 | 3.6 | 3.5 | 3.5 | 4.0 | 4.0 | 4.2 | 4.2 | 4.3 | 4.0 | 3.1 | 3.63 | 24 | 16.4 |
| 19 | 2.8 | 2.5 | 2.3 | 2.3 | 2.5 | 4.3 | 5.2 | 4.2 | 3.4 | 3.3 | | | 3.7 | 3.9 | 4.5 | 4.3 | 4.8 | 4.3 | 4.4 | 3.9 | 2.9 | 2.7 | 2.9 | 3.2 | 3.56 | 22 | 7.6 |
| 20 | 2.6 | 2.8 | 2.4 | 3.0 | 2.7 | 3.9 | 4.4 | 4.5 | 3.8 | 3.8 | 3.1 | 2.9 | 2.6 | 2.7 | 3.0 | 3.1 | 2.8 | 2.8 | 3.0 | 3.0 | 3.4 | 3.2 | 3.3 | 3.6 | 3.17 | 24 | 6.1 |
| 21 | 7.7 | 5.3 | 5.2 | 3.1 | 2.7 | 3.3 | 4.2 | 5.3 | 4.9 | 3.9 | 5.7 | 5.3 | 5.0 | 5.5 | 6.3 | 5.6 | 6.1 | 5.0 | 4.0 | 3.9 | 4.9 | 5.1 | 4.6 | 5.8 | 4.93 | 24 | 15.0 |
| 22 | 4.1 | 3.2 | 3.0 | 2.8 | 3.1 | 5.0 | 4.8 | 5.3 | 4.6 | 3.6 | 3.4 | 3.0 | 2.9 | 2.8 | 3.5 | 2.9 | 3.3 | 2.7 | 2.8 | 2.8 | 2.3 | 3.1 | 4.5 | 6.2 | 3.56 | 24 | 11.4 |
| 23 | 4.4 | 3.5 | 4.0 | 3.3 | 2.8 | 3.1 | 4.0 | 3.9 | 3.8 | 3.1 | 3.2 | 2.9 | 2.7 | 3.3 | 3.1 | 3.4 | 3.3 | 3.0 | 3.1 | 4.0 | 4.6 | 4.4 | 4.1 | 3.9 | 3.51 | 24 | 9.6 |
| 24* | 3.3 | 3.1 | 2.6 | 2.6 | 2.5 | 2.4 | 2.8 | 2.7 | 3.0 | 3.0 | 3.3 | 3.9 | 5.1 | 4.5 | 4.5 | 4.7 | 4.1 | 3.6 | 3.4 | 3.8 | 3.4 | 3.9 | 3.9 | 3.6 | 3.47 | 24 | 6.8 |
| 25* | 3.0 | 2.8 | 2.4 | 2.3 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.5 | 2.6 | 2.8 | 2.9 | 2.8 | 2.8 | 3.1 | 3.3 | 3.1 | 3.5 | 3.7 | 4.7 | 5.8 | 6.9 | 5.9 | 3.28 | 24 | 9.6 |
| 26 | 5.2 | 4.5 | 4.0 | 6.4 | 7.1 | 5.7 | 4.8 | 6.9 | 5.2 | 3.8 | 3.7 | 3.2 | 3.8 | 3.9 | 4.8 | | 5.4 | 4.5 | 3.6 | 3.5 | 3.7 | 3.4 | 3.1 | 2.7 | 4.46 | 23 | 8.6 |
| 27 | 3.2 | 4.3 | 4.3 | 3.3 | 3.6 | 5.2 | 6.7 | 4.7 | 4.9 | 4.4 | 3.5 | 3.2 | 3.2 | 3.4 | 3.8 | 3.9 | 4.8 | 3.8 | 3.9 | 4.0 | 3.4 | 4.5 | 3.8 | 2.9 | 4.01 | 24 | 7.8 |
| 28 | 2.7 | 2.3 | 2.6 | 2.2 | 2.2 | 3.1 | 3.0 | 3.8 | 4.2 | 3.1 | 3.1 | 3.0 | 3.1 | 4.6 | 6.5 | 5.8 | 5.7 | 4.4 | 3.3 | 3.4 | 3.9 | 5.2 | 4.2 | 3.1 | 3.68 | 24 | 8.3 |
| 29 | 3.1 | 2.8 | 3.3 | 3.2 | 3.3 | 4.4 | 5.1 | 4.2 | 3.2 | 3.1 | 2.6 | 2.5 | 2.7 | 3.0 | 3.6 | 3.6 | 4.0 | 3.7 | 4.7 | 4.5 | 6.7 | 8.9 | 4.8 | 6.0 | 4.03 | 24 | 11.2 |
| 30 | 4.2 | 4.0 | 4.1 | 3.8 | 3.4 | 3.9 | 4.4 | 4.4 | 3.6 | 3.3 | 2.8 | 3.1 | 3.1 | 3.3 | 3.6 | 3.6 | 3.6 | 3.2 | 3.7 | 3.7 | 5.5 | 6.4 | 6.1 | 4.4 | 3.95 | 24 | 9.6 |
| MEAN | 3.4 | 3.1 | 3.1 | 2.9 | 2.9 | 3.8 | 4.1 | 4.0 | 3.8 | 3.4 | 3.3 | 3.2 | 3.3 | 3.5 | 4.0 | 4.0 | 4.2 | 3.6 | 3.5 | 3.6 | 3.9 | 4.2 | 4.0 | 3.9 | 3.62 | | |
| NO | 28 | 28 | 29 | 30 | 30 | 30 | 30 | 30 | 29 | 28 | 28 | 29 | 29 | 29 | 30 | 28 | 29 | 29 | 30 | 30 | 30 | 30 | 30 | 29 | | 702 | |
| MAX | 7.7 | 5.7 | 5.2 | 6.4 | 7.1 | 9.0 | 6.7 | 6.9 | 5.2 | 4.4 | 5.7 | 5.3 | 5.1 | 5.5 | 6.5 | 5.9 | 6.1 | 5.0 | 4.7 | 5.1 | 6.7 | 8.9 | 6.9 | 6.2 | 4.93 | | 16.4 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

**Table 3-51. JULY, HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)**
**Flame Ionization Analysis**

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO. OF HRS | 5-MIN MAX. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1* | 4.2 | 7.0 | 4.4 | 3.7 | 3.8 | 4.1 | 4.0 | 3.7 | 3.2 | 2.7 | 2.7 | 2.7 | 2.6 | 2.5 | 2.7 | 3.5 | 4.2 | 3.8 | 3.5 | 4.4 | 4.6 | 4.3 | 3.9 | 3.5 | 3.72 | 24 | 9.9 |
| 2* | 3.0 | 3.2 | 3.0 | 2.9 | 2.6 | 2.4 | 2.4 | 2.5 | 2.3 | 2.3 | 2.2 | 2.2 | 2.1 | 2.5 | 2.7 | 2.3 | 2.5 | 2.4 | 2.2 | 2.9 | 2.6 | 2.6 | 2.5 | 2.4 | 2.52 | 24 | 3.9 |
| 3 | 2.2 | 2.1 | 2.1 | 2.1 | 2.3 | 3.1 | 3.5 | 4.3 | 3.0 | 2.9 | 2.9 | 2.9 | 3.0 | 3.2 | 3.4 | 4.0 | 3.8 | 3.3 | 3.3 | 3.5 | 3.8 | 3.9 | 3.5 | 3.2 | 3.11 | 24 | 10.8 |
| 4 | 2.9 | 2.8 | 2.4 | 2.4 | 2.3 | 2.4 | 2.7 | 2.6 | 2.4 | 2.3 | 2.2 | 2.4 | 2.3 | 2.4 | 2.7 | 2.7 | 2.7 | 2.7 | 2.5 | 2.7 | 2.8 | 3.3 | 3.7 | 2.4 | 2.60 | 24 | 5.3 |
| 5 | 2.0 | 2.0 | 2.0 | 2.0 | 2.1 | 3.1 | 3.6 | 3.6 | 3.2 | 3.3 | | | 3.3 | 3.3 | 4.2 | 3.7 | 3.9 | 3.4 | 2.7 | 3.1 | 3.1 | 3.1 | 2.8 | 2.6 | 3.00 | 22 | 6.1 |
| 6 | 2.4 | 2.2 | 2.1 | 2.1 | 2.3 | 3.4 | 3.6 | 3.2 | 3.3 | 3.4 | 3.5 | 3.5 | 3.6 | 3.3 | 4.1 | 4.3 | 3.9 | 3.7 | 3.6 | 3.7 | 4.0 | 3.5 | 3.0 | 3.3 | 3.28 | 24 | 7.8 |
| 7 | 2.6 | 2.3 | 2.3 | 2.2 | 2.2 | 3.6 | 4.1 | 3.8 | 3.7 | 3.0 | 3.2 | 3.3 | 3.4 | 4.0 | 5.1 | 4.3 | 4.5 | 4.3 | 4.0 | 4.2 | 4.3 | 4.9 | 4.7 | 3.7 | 3.65 | 24 | 6.6 |
| 8* | 3.1 | 3.9 | 4.1 | 3.4 | 3.2 | 3.9 | 4.7 | 4.3 | 3.0 | 3.8 | 3.2 | 3.5 | 3.5 | 3.3 | 4.0 | 3.7 | 4.6 | 4.0 | 3.2 | 4.4 | 4.8 | 5.5 | 3.7 | 3.2 | 3.83 | 24 | 7.3 |
| 9* | 3.0 | 2.6 | 2.8 | 2.6 | 2.5 | 2.6 | 2.5 | 2.9 | 3.2 | 3.0 | 2.8 | 2.8 | 2.7 | 2.5 | 2.4 | 2.5 | 2.6 | 2.6 | 3.0 | 3.0 | 3.0 | 2.7 | 2.5 | 2.3 | 2.69 | 24 | 4.5 |
| 10 | 2.4 | 2.6 | 2.3 | 2.3 | 2.4 | 3.2 | 5.1 | 4.5 | 4.7 | 5.2 | | 4.2 | 4.8 | 4.1 | | | 4.5 | 4.6 | 3.8 | 4.3 | 3.6 | 3.8 | 3.4 | 3.4 | 3.76 | 21 | 7.8 |
| 11 | 3.3 | 3.1 | 3.9 | 4.5 | 5.8 | 5.1 | 5.6 | 6.1 | 5.4 | 5.0 | 4.8 | 3.7 | 3.3 | 4.4 | 4.8 | 5.9 | 5.9 | 3.8 | 3.3 | 3.3 | 4.1 | 3.9 | 3.7 | 4.2 | 4.41 | 24 | 7.8 |
| 12 | 3.2 | 2.4 | 2.4 | 2.5 | 2.7 | 3.5 | 4.2 | 4.5 | 3.6 | 3.1 | 2.8 | 2.8 | 2.7 | 2.9 | 3.5 | 3.3 | 2.7 | 2.9 | 3.1 | 3.1 | 3.5 | 3.8 | 3.4 | 3.1 | 3.14 | 24 | 5.6 |
| 13 | 2.6 | 2.5 | 2.4 | 2.4 | 2.5 | 3.7 | 4.2 | 4.7 | 3.7 | 3.6 | 3.4 | 3.7 | 3.6 | 4.1 | 4.3 | 4.4 | 4.6 | 3.6 | 3.7 | 3.5 | 3.3 | 3.0 | 3.1 | 3.5 | 3.50 | 24 | 6.1 |
| 14 | 3.9 | 4.6 | 2.3 | 2.3 | 2.5 | 3.9 | 5.2 | 4.5 | 4.2 | 4.0 | 3.8 | 3.4 | 3.4 | 3.2 | 4.2 | 4.3 | 4.2 | 3.5 | 3.0 | 3.0 | 3.0 | 3.4 | 3.3 | 3.5 | 3.60 | 24 | 13.3 |
| 15* | 3.1 | 2.2 | 2.2 | 2.6 | 3.2 | 3.7 | 3.4 | 2.8 | 2.7 | 2.8 | 2.8 | 3.2 | 3.3 | 2.9 | 2.9 | 3.1 | 3.2 | 2.8 | 3.3 | 3.6 | 2.9 | 2.6 | 3.0 | 3.7 | 2.99 | 24 | 5.7 |
| 16* | 4.1 | 4.0 | 3.9 | 3.1 | 3.2 | 3.4 | 2.9 | 2.5 | 2.4 | 2.3 | 2.2 | 2.8 | 2.9 | 2.8 | 3.1 | 3.3 | 3.2 | 3.2 | 3.7 | 3.8 | 3.8 | 3.5 | 3.5 | 3.0 | 3.16 | 24 | 5.9 |
| 17 | 2.7 | 2.6 | 2.7 | 2.8 | 2.7 | 3.7 | 3.8 | 4.1 | 3.6 | | 2.8 | 2.8 | 2.9 | 2.8 | 2.7 | 2.8 | 2.9 | 2.5 | 2.6 | 2.9 | 3.9 | 3.1 | 3.6 | 6.7 | 3.18 | 23 | 12.6 |
| 18 | 2.9 | 2.3 | 2.5 | 2.5 | 2.5 | 3.1 | 3.2 | 3.3 | 3.1 | 3.1 | 3.1 | 2.9 | 4.0 | 3.7 | 3.5 | 3.6 | 3.3 | 3.4 | 3.1 | 3.2 | 3.5 | 4.4 | 3.2 | 3.8 | 3.22 | 24 | 6.7 |
| 19 | 2.8 | 2.5 | 2.4 | 2.5 | 2.2 | 3.2 | 4.2 | 3.8 | 3.0 | 3.0 | 3.2 | 3.3 | 3.7 | 3.8 | 5.1 | 5.6 | 4.4 | 3.5 | 3.2 | 3.8 | 3.5 | 3.6 | 3.1 | 3.0 | 3.42 | 24 | 7.1 |
| 20 | 2.3 | 3.0 | 2.9 | 2.5 | 2.5 | 4.1 | 5.2 | 3.8 | 3.1 | 3.5 | 3.6 | 3.2 | 3.8 | 3.9 | 3.2 | 3.4 | 4.4 | 3.7 | 3.3 | 3.7 | 4.0 | 3.4 | 3.0 | 3.3 | 3.45 | 24 | 6.4 |
| 21 | 2.8 | 3.0 | 4.5 | 7.9 | 5.7 | 5.6 | 6.5 | 5.2 | 4.1 | 3.6 | 3.3 | 2.9 | 3.8 | 3.6 | 3.9 | 5.0 | 5.3 | 4.0 | 5.1 | 6.3 | 7.2 | 4.1 | 4.6 | 4.3 | 4.67 | 24 | 10.6 |
| 22* | 4.3 | 5.8 | 3.7 | 3.0 | 2.8 | 2.9 | 3.0 | 3.1 | 3.4 | 3.0 | 3.1 | 3.2 | 2.7 | 2.5 | 2.9 | 2.9 | 2.6 | 2.6 | 2.6 | 2.9 | 3.0 | 2.7 | 2.7 | 2.6 | 3.08 | 24 | 9.7 |
| 23* | 2.3 | 2.1 | 2.1 | 2.0 | 2.1 | 2.3 | 2.2 | 2.9 | 2.5 | 2.3 | 2.3 | 2.4 | 2.6 | 2.3 | 2.3 | 2.5 | 2.3 | 2.5 | 2.5 | 2.3 | 2.7 | 2.5 | 2.5 | 2.1 | 2.34 | 24 | 4.3 |
| 24 | 2.0 | 1.9 | 1.9 | 2.1 | 2.1 | 3.0 | 3.4 | 3.4 | 3.0 | | | 3.9 | 3.3 | 3.1 | 3.3 | 3.4 | 3.1 | 2.9 | 2.9 | 4.8 | 4.2 | 4.2 | 4.1 | 7.0 | 3.31 | 22 | 15.7 |
| 25 | 3.2 | 3.1 | 3.0 | 2.6 | 2.9 | 4.0 | 5.6 | 4.7 | 3.7 | 4.0 | 3.9 | 3.8 | 3.1 | 4.1 | 4.4 | 3.5 | 3.1 | 2.8 | 2.7 | 2.8 | 3.1 | 4.8 | 5.4 | 4.9 | 3.70 | 24 | 6.9 |
| 26 | 5.8 | 6.4 | 4.4 | 3.1 | 3.6 | 3.7 | 4.1 | 4.0 | 3.4 | 3.3 | 3.3 | 4.3 | 2.5 | 4.0 | 5.9 | 7.7 | 5.6 | 5.5 | 3.5 | 3.0 | 3.1 | 3.1 | 2.8 | 2.6 | 4.11 | 24 | 9.8 |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | | | | | 2.1 | 3.6 | 5.1 | 4.5 | 4.5 | | | | | 3.6 | 4.7 | 4.2 | 4.6 | 4.0 | 4.3 | 4.7 | 4.0 | 4.1 | 4.1 | 6.9 | 4.30 | 16 | 14.3 |
| 29* | 6.3 | 7.0 | 7.4 | 6.1 | 5.9 | 5.5 | 4.8 | 5.2 | 3.4 | 3.1 | 4.1 | 2.7 | 2.7 | 3.1 | 2.8 | 2.8 | 2.9 | 2.7 | 2.7 | 3.2 | 3.3 | 3.1 | 3.2 | 3.7 | 4.06 | 24 | 11.3 |
| 30* | 3.9 | 3.4 | 2.7 | 3.5 | 3.0 | 3.0 | 3.0 | 3.2 | 3.2 | 3.3 | 4.4 | 4.6 | 4.6 | 4.4 | 4.9 | 4.7 | 3.9 | 4.5 | 4.5 | 5.5 | 5.6 | 4.6 | 3.3 | 3.1 | 3.93 | 24 | 7.1 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MEAN | 3.2 | 3.3 | 3.0 | 3.0 | 2.9 | 3.5 | 4.0 | 3.8 | 3.4 | 3.3 | 3.2 | 3.2 | 3.2 | 3.3 | 3.7 | 3.8 | 3.7 | 3.4 | 3.3 | 3.6 | 3.7 | 3.6 | 3.4 | 3.6 | 3.43 | | |
| NO | 28 | 28 | 28 | 28 | 29 | 29 | 29 | 29 | 29 | 26 | 25 | 27 | 28 | 29 | 28 | 28 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | | 680 | |
| MAX | 6.3 | 7.0 | 7.4 | 7.9 | 5.9 | 5.6 | 6.5 | 6.1 | 5.4 | 5.2 | 4.8 | 4.6 | 4.8 | 4.4 | 5.9 | 7.7 | 5.6 | 5.5 | 5.1 | 6.3 | 7.2 | 5.5 | 5.4 | 7.0 | 4.67 | | 15.7 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

**Table 3-52. AUGUST, HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)**
**Flame Ionization Analysis**

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO. OF HRS | 5-MIN. MAX. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.4 | 2.1 | 2.0 | 2.1 | 2.6 | 4.1 | 3.8 | 3.3 | 3.4 | 3.1 | 3.1 | 3.2 | 3.1 | 3.7 | 5.4 | 6.2 | 7.0 | 3.5 | 2.8 | 3.4 | 2.6 | 3.4 | | | 3.46 | 22 | 8.9 |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | 3.5 | 2.7 | 2.5 | 2.6 | 2.6 | 2.7 | 2.8 | 2.3 | 2.2 | 3.1 | 4.5 | 4.6 | 5.1 | 3.9 | 3.21 | 14 | 8.9 |
| 4 | 4.9 | 2.6 | 2.5 | 2.4 | 2.7 | 3.9 | 4.9 | 4.4 | 4.3 | | 3.1 | 3.2 | 3.2 | 3.2 | | 3.7 | 3.8 | 3.6 | 4.5 | 4.3 | 3.7 | 3.1 | 3.7 | 3.3 | 3.58 | 22 | 12.6 |
| 5* | 2.6 | 2.2 | 3.9 | 4.6 | 4.1 | 4.5 | 4.5 | 3.9 | 3.1 | 3.7 | 3.0 | 2.7 | 2.9 | 2.8 | 3.0 | 4.1 | 4.1 | 5.6 | 4.6 | 4.4 | 4.7 | 3.8 | 3.7 | 4.4 | 3.79 | 24 | 8.4 |
| 6* | 3.9 | 3.8 | 4.4 | 3.9 | 4.1 | 5.1 | 4.9 | 3.8 | 2.6 | 2.1 | 2.0 | 2.1 | 2.2 | 2.5 | 2.7 | 2.7 | 2.9 | 3.2 | 3.6 | 3.4 | 3.2 | 2.9 | 2.3 | 2.1 | 3.17 | 24 | 5.6 |
| 7 | 2.0 | 2.1 | 1.9 | 1.8 | 1.9 | 2.8 | 3.4 | 4.0 | 3.2 | 3.2 | | 3.6 | 3.8 | 3.6 | 3.9 | 4.4 | 5.2 | 3.6 | 3.6 | 3.6 | 3.7 | 3.3 | 3.3 | 2.7 | 3.22 | 23 | 6.2 |
| 8 | 2.0 | 2.0 | 1.8 | 1.8 | 1.9 | 2.5 | 4.0 | 4.2 | 3.2 | 2.6 | 2.9 | 2.6 | 3.0 | 3.6 | 4.6 | 5.9 | 5.2 | 3.3 | 4.7 | 2.9 | 2.8 | 3.4 | | | 3.20 | 22 | 8.8 |
| 9 | | | 3.1 | | | | | | | | 3.5 | 3.5 | 4.0 | 4.1 | 5.4 | 5.0 | 4.9 | 3.7 | 3.0 | 3.0 | 3.1 | 4.1 | 3.5 | 2.6 | 3.74 | 15 | 10.4 |
| 10 | 2.4 | 2.4 | 2.3 | 2.3 | 2.8 | 3.7 | 4.5 | 4.4 | 3.6 | 3.6 | 3.6 | 3.5 | 3.8 | 3.5 | 4.1 | 4.6 | 3.9 | 3.3 | 3.5 | 5.3 | 3.0 | 2.9 | 2.9 | 2.5 | 3.42 | 24 | 12.4 |
| 11 | 2.3 | 2.2 | 2.2 | | | | | | 3.3 | 3.1 | 3.3 | | | | | 4.3 | 3.9 | 3.5 | 3.2 | 3.5 | 3.8 | 3.6 | | 4.1 | 3.30 | 14 | 8.0 |
| 12* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | 7.6 | 3.3 | 2.6 | 2.9 | 2.4 | 4.1 | 5.2 | 4.8 | 4.0 | 3.1 | 3.3 | 3.3 | 3.3 | 3.0 | 3.4 | 3.3 | 3.3 | 2.9 | 2.9 | 2.8 | 4.2 | 4.8 | 3.8 | 3.4 | 3.64 | 24 | 14.8 |
| 16 | 3.4 | 2.6 | 2.7 | 3.0 | 4.1 | 5.8 | 6.2 | 5.7 | 4.3 | 3.2 | 2.9 | 2.7 | 3.0 | 2.9 | 3.2 | 3.3 | 3.1 | 2.6 | 2.8 | 3.7 | 4.3 | 5.0 | 3.7 | 3.1 | 3.63 | 24 | 10.1 |
| 17 | 2.4 | 2.3 | 2.2 | 2.0 | 1.8 | 2.7 | 2.9 | 3.0 | 2.4 | 2.7 | 2.5 | 2.1 | 2.2 | 2.4 | 2.5 | 2.6 | 2.8 | 2.2 | 2.2 | 2.3 | 2.3 | 2.4 | 3.9 | 3.9 | 2.52 | 24 | 10.6 |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19* | 2.6 | 2.6 | 3.0 | 2.2 | 2.0 | 2.6 | 2.8 | 3.4 | 3.2 | 3.7 | 3.0 | 4.2 | 4.2 | 4.4 | 4.8 | 4.8 | 4.7 | 3.4 | 3.7 | 4.1 | 4.1 | 3.4 | 3.5 | 3.4 | 3.56 | 24 | 9.4 |
| 20* | 3.0 | 2.8 | 2.7 | 2.5 | 2.3 | 2.3 | 2.4 | 2.5 | 2.3 | 2.0 | 2.0 | 2.1 | 2.2 | 2.1 | 2.2 | 2.5 | 2.3 | 2.2 | 2.6 | 3.0 | 2.9 | 3.2 | 3.0 | 2.8 | 2.49 | 24 | 3.8 |
| 21 | 2.2 | 2.2 | 2.1 | 2.2 | 2.3 | 3.0 | 3.6 | 3.3 | 2.9 | 2.8 | 2.6 | 2.6 | 2.7 | 2.7 | 2.8 | 2.8 | 3.1 | 3.7 | 3.3 | 3.2 | 2.8 | 2.5 | 2.5 | 2.1 | 2.73 | 24 | 4.5 |
| 22 | 2.0 | 1.9 | 1.9 | 2.0 | 2.1 | 3.1 | 4.3 | 4.6 | 3.4 | 3.2 | 3.4 | 4.3 | 3.4 | 3.6 | 4.0 | 4.4 | 4.6 | 3.6 | 3.1 | 2.3 | 3.1 | 3.2 | 3.4 | 2.5 | 3.25 | 24 | 6.6 |
| 23 | 2.1 | 2.0 | 1.9 | 1.9 | 2.0 | 2.7 | 3.8 | 3.0 | 2.6 | 2.6 | 2.7 | 2.8 | 3.2 | 3.4 | 4.0 | 4.5 | 4.9 | 3.8 | 3.4 | 3.3 | 3.7 | 3.6 | 3.9 | 2.8 | 3.10 | 24 | 6.2 |
| 24 | 1.9 | 2.1 | 1.9 | 2.0 | 2.2 | 3.4 | 4.4 | 4.0 | 3.6 | 3.3 | 3.3 | 3.5 | 3.6 | 3.8 | 4.7 | 4.7 | 5.4 | 3.6 | 3.6 | 3.7 | 3.9 | 4.3 | 4.1 | 3.1 | 3.48 | 24 | 7.3 |
| 25 | 2.7 | 2.6 | 2.2 | 2.1 | 3.2 | 4.3 | 5.9 | 5.6 | | | | 3.2 | 3.4 | 4.4 | 4.5 | 3.9 | 5.4 | | 4.5 | 4.8 | 4.2 | 5.4 | 5.0 | 4.4 | 4.07 | 20 | 8.5 |
| 26* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | | | | | | | | | 5.2 | 3.5 | 3.2 | 3.1 | 2.7 | 2.7 | 2.8 | 3.5 | 2.9 | 3.2 | 3.5 | 4.1 | 4.3 | 5.6 | 5.3 | | 3.69 | 15 | 7.5 |
| 29 | | 2.8 | 3.0 | 3.2 | 3.1 | 3.5 | 3.5 | 3.6 | 3.1 | 2.9 | 2.6 | 2.8 | 2.7 | 2.7 | 3.0 | 3.0 | 3.2 | 3.4 | 3.5 | 3.5 | 3.3 | 3.5 | 3.0 | 3.0 | 3.11 | 23 | 5.2 |
| 30 | 2.7 | 2.5 | 2.2 | 1.8 | 1.9 | 3.0 | 3.9 | 4.1 | 3.8 | 3.7 | 3.6 | 3.8 | 3.8 | 3.7 | 4.2 | 3.9 | 4.1 | 3.0 | 2.9 | 2.7 | 2.4 | 2.4 | 2.4 | 2.2 | 3.10 | 24 | 5.5 |
| 31 | 2.0 | 2.1 | 1.9 | 2.0 | 2.0 | 3.1 | 3.9 | 3.6 | 3.5 | 3.3 | 3.1 | 2.9 | 2.8 | 3.3 | 3.5 | 3.5 | 3.5 | 2.7 | 2.6 | 2.8 | 2.8 | 2.8 | 2.7 | 2.4 | 2.85 | 24 | 5.2 |
| MEAN | 2.8 | 2.4 | 2.5 | 2.4 | 2.6 | 3.5 | 4.1 | 3.9 | 3.4 | 3.1 | 3.1 | 3.1 | 3.1 | 3.2 | 3.7 | 3.9 | 4.0 | 3.3 | 3.3 | 3.5 | 3.5 | 3.6 | 3.6 | 3.1 | 3.28 | | |
| NO | 20 | 21 | 22 | 20 | 20 | 20 | 20 | 20 | 21 | 20 | 22 | 23 | 23 | 23 | 22 | 24 | 24 | 23 | 24 | 24 | 24 | 24 | 21 | 21 | | 526 | |
| MAX | 7.6 | 3.6 | 4.4 | 4.6 | 4.1 | 5.8 | 6.2 | 5.7 | 5.2 | 3.7 | 3.0 | 4.3 | 4.2 | 4.4 | 5.4 | 6.2 | 7.0 | 5.6 | 4.7 | 5.3 | 4.7 | 5.6 | 5.3 | 4.4 | 4.07 | | 14.8 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

## Table 3-53. SEPTEMBER, HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)
### Flame Ionization Analysis

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO OF HRS | 5-MIN MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2.0 | 2.0 | 3.0 | 4.9 | 7.2 | 5.6 | 4.2 | 3.7 | | 3.7 | 3.2 | 3.0 | 3.3 | 3.9 | 3.4 | 3.6 | 3.3 | 3.7 | 3.2 | 3.1 | 3.9 | 4.5 | 3.4 | 3.71 | 22 | 10.3 |
| 2* | 3.3 | 2.5 | 2.6 | 2.3 | 2.7 | 2.7 | 3.2 | 2.9 | 2.5 | 2.3 | 2.6 | 2.8 | 3.2 | 3.3 | 3.4 | 3.6 | 3.8 | 3.5 | 3.3 | 4.1 | 4.1 | 4.2 | 3.7 | 3.9 | 3.17 | 24 | 7.8 |
| 3* | 3.1 | 2.4 | 2.4 | 2.2 | 2.0 | 2.1 | 2.3 | 2.9 | 2.5 | 2.2 | 2.9 | 2.6 | 2.9 | 3.2 | 3.5 | 3.5 | 3.4 | 3.5 | 3.7 | 3.7 | 3.6 | 3.2 | 3.6 | 3.2 | 2.91 | 24 | 4.9 |
| 4 | 3.1 | 2.6 | 2.2 | 2.1 | 2.1 | 2.2 | 3.1 | 3.0 | 2.5 | 2.3 | 2.4 | 2.7 | 2.9 | 3.0 | 3.5 | 3.6 | 3.7 | 3.5 | 3.4 | 3.1 | 3.0 | 3.0 | 2.9 | 2.8 | 2.84 | 24 | 4.6 |
| 5 | 2.3 | 2.1 | 2.0 | 2.2 | 2.5 | 3.8 | 4.5 | 4.7 | 3.8 | 3.6 | 2.9 | 3.2 | 3.4 | 3.6 | 4.3 | 4.6 | 3.6 | 3.1 | 2.5 | 2.8 | 3.0 | 3.0 | 3.0 | 2.6 | 3.19 | 24 | 6.1 |
| 6 | 2.4 | 3.4 | 5.6 | 10.1 | 9.6 | 10.0 | 11.2 | 5.7 | 3.6 | 3.1 | 2.9 | 2.6 | 2.6 | 2.9 | 3.3 | 3.7 | 3.4 | 3.2 | 2.8 | 3.0 | 3.0 | 2.6 | 2.9 | 2.6 | 4.41 | 24 | 13.2 |
| 7 | 2.7 | 2.1 | 2.2 | 2.9 | 3.4 | 4.1 | 5.3 | 4.2 | 3.9 | 2.9 | 2.8 | 2.9 | 3.1 | 3.6 | 3.7 | 4.7 | 4.3 | 3.8 | 3.9 | 4.3 | 3.2 | 3.6 | 3.3 | 2.5 | 3.43 | 24 | 6.7 |
| 8 | 3.1 | 4.6 | 6.0 | 8.0 | 6.6 | 8.5 | 13.2 | 11.9 | 11.4 | 5.9 | 3.3 | 3.3 | 4.3 | 4.1 | 3.2 | 3.1 | 3.3 | 3.1 | 3.3 | 3.3 | 2.8 | 2.7 | 2.9 | 2.5 | 5.17 | 24 | 14.9 |
| 9* | 2.2 | 2.9 | 2.6 | 2.8 | 2.5 | 3.0 | 2.6 | 2.7 | 2.7 | 2.8 | 3.2 | 3.1 | 3.0 | 3.1 | 3.1 | 3.2 | 3.0 | 2.5 | 2.7 | 2.7 | 2.6 | 2.4 | 2.8 | 2.6 | 2.78 | 24 | 4.3 |
| 10* | 2.4 | 2.1 | 2.0 | 2.2 | 2.0 | 1.9 | 2.2 | 2.4 | 2.4 | 2.5 | 2.9 | 2.5 | 2.6 | 2.6 | 2.8 | 3.1 | 2.8 | 3.0 | 3.0 | 2.9 | 3.0 | 3.0 | 2.4 | 1.9 | 2.51 | 24 | 3.7 |
| 11 | 1.7 | 1.7 | 1.8 | 1.7 | 1.9 | 2.2 | 2.6 | 2.8 | 3.0 | | 3.1 | 2.6 | 2.8 | 3.4 | 4.1 | 4.5 | 4.9 | 3.9 | 3.1 | 4.1 | 4.4 | 2.8 | 2.1 | 2.3 | 2.93 | 23 | 6.8 |
| 12 | 2.3 | 2.5 | 2.7 | 3.5 | 4.1 | 4.4 | 5.6 | 5.8 | 5.2 | 4.7 | 4.8 | 3.3 | 3.4 | 3.3 | 3.9 | 4.3 | 4.9 | 4.1 | 3.7 | 3.0 | 2.3 | 3.0 | 3.3 | 4.5 | 3.84 | 24 | 7.8 |
| 13 | 2.7 | 2.5 | 2.6 | 2.3 | 2.1 | 2.8 | 3.8 | 3.8 | 4.0 | 3.7 | 3.3 | 3.1 | 3.1 | 2.9 | | | 3.3 | 2.7 | 3.3 | 3.2 | 3.0 | 3.2 | 3.0 | 2.6 | 3.04 | 22 | 4.9 |
| 14 | 2.4 | 2.1 | 2.2 | 2.2 | 2.4 | 3.3 | 4.3 | 3.9 | 4.0 | 3.2 | 3.6 | 3.0 | 3.0 | 3.5 | 3.4 | 4.3 | 6.0 | 5.5 | 4.9 | 2.9 | 2.1 | 4.0 | 2.9 | 3.0 | 3.42 | 24 | 7.5 |
| 15 | 3.3 | 3.2 | 2.8 | 2.8 | 2.9 | 3.3 | 4.1 | 4.6 | 3.7 | 3.1 | 3.0 | 2.6 | 2.7 | 3.4 | 4.1 | 3.2 | 3.8 | 3.5 | 3.5 | 3.5 | 3.4 | 3.5 | 4.5 | 4.1 | 3.43 | 24 | 6.4 |
| 16* | 3.7 | 3.4 | 2.8 | 2.6 | 2.3 | 2.5 | 2.6 | 2.9 | 2.5 | 2.8 | 2.8 | 3.2 | 4.6 | 5.0 | 3.8 | 3.8 | 4.3 | 3.8 | 3.7 | 3.7 | 4.0 | 4.0 | 4.5 | 5.7 | 3.53 | 24 | 9.6 |
| 17* | 4.1 | 3.7 | 3.1 | 3.1 | 2.1 | 2.1 | 2.2 | 2.5 | 2.2 | 2.1 | 2.1 | 2.4 | 2.7 | 3.3 | 2.9 | 3.6 | 3.2 | 3.2 | 3.0 | 3.2 | 3.0 | 3.2 | 2.9 | 2.4 | 2.83 | 24 | 6.0 |
| 18 | 2.2 | 1.9 | 1.9 | 1.9 | 2.1 | 4.0 | 4.7 | 3.3 | 3.1 | 3.0 | 2.8 | 3.1 | 3.3 | | 5.1 | 5.4 | 5.9 | 5.0 | 4.2 | 3.8 | 3.9 | 3.0 | 3.3 | 3.6 | 3.48 | 23 | 7.8 |
| 19 | 3.6 | 3.2 | 2.6 | 2.5 | 2.7 | 3.1 | 4.2 | 4.1 | 4.4 | 4.0 | 3.7 | 3.5 | 3.5 | 3.7 | 3.4 | 4.0 | 4.8 | 3.7 | 3.5 | 3.2 | 3.1 | 2.8 | 3.2 | 4.6 | 3.52 | 24 | 6.8 |
| 20 | 4.2 | 3.9 | 3.6 | 2.4 | 2.6 | 2.9 | 3.3 | 3.9 | 4.2 | 4.2 | 3.5 | 3.2 | 3.1 | 2.6 | 2.7 | 2.8 | 2.6 | 2.5 | 2.4 | 2.4 | 2.7 | 2.8 | 2.6 | 2.3 | 3.06 | 24 | 5.1 |
| 21 | 2.2 | 2.0 | 2.1 | 2.1 | 2.3 | 2.7 | 3.4 | 3.6 | 3.9 | 4.0 | 3.8 | 3.5 | 3.3 | 3.4 | 3.9 | 3.9 | 4.4 | 3.8 | 3.4 | 4.0 | 2.7 | 3.0 | 2.8 | 2.3 | 3.17 | 24 | 8.0 |
| 22 | 2.3 | 1.9 | 1.8 | 1.7 | 1.8 | 2.5 | 3.5 | 3.4 | 3.2 | 2.7 | | 2.7 | | 3.2 | 3.3 | 3.7 | 4.6 | 3.5 | 3.1 | 2.9 | 2.8 | 2.7 | 2.5 | 2.4 | 2.81 | 22 | 9.4 |
| 23* | 4.4 | 7.2 | 6.6 | 5.7 | 4.2 | 3.0 | 2.6 | 2.9 | 3.5 | 2.3 | 2.4 | 2.1 | 2.3 | 2.4 | 2.2 | 2.3 | 2.4 | 2.9 | 2.9 | 3.2 | 3.0 | 3.0 | 3.2 | 3.0 | 3.31 | 24 | 8.5 |
| 24* | 2.8 | 2.5 | 2.2 | 2.0 | 2.0 | 2.2 | 2.4 | 2.4 | 2.3 | 2.2 | 2.1 | 2.3 | 2.4 | 2.4 | 2.9 | 2.6 | 2.7 | 2.3 | 2.8 | 3.8 | 3.7 | 4.9 | 4.8 | 3.8 | 2.76 | 24 | 5.8 |
| 25 | 3.6 | 3.1 | 3.4 | 2.8 | 2.5 | 3.0 | 4.3 | 5.1 | 4.0 | 3.0 | 2.9 | 2.5 | 2.7 | 2.8 | 3.0 | 2.9 | 3.0 | 3.1 | 3.6 | 3.3 | 2.8 | 2.4 | 2.7 | 2.8 | 3.13 | 24 | 6.0 |
| 26 | 2.0 | 1.9 | 1.9 | 1.9 | 2.0 | 2.7 | 3.0 | 2.9 | 2.8 | 2.9 | 2.5 | 2.5 | 2.8 | 2.9 | 2.8 | 2.9 | 3.7 | 3.7 | 3.0 | 2.9 | 3.1 | 2.8 | 3.0 | 2.3 | 2.70 | 24 | 4.7 |
| 27 | 2.2 | 2.3 | 2.6 | 2.1 | 2.3 | 3.2 | 4.3 | 4.4 | 4.7 | 4.0 | 3.8 | 3.7 | 3.5 | 3.7 | 4.3 | 4.7 | 4.4 | 3.4 | 2.7 | 2.7 | 3.0 | 3.0 | 2.5 | 2.1 | 3.30 | 24 | 6.0 |
| 28 | 1.9 | 1.9 | 1.9 | 1.8 | 2.0 | 2.6 | 3.6 | 3.5 | 3.5 | 3.2 | 3.2 | 3.3 | 3.5 | 4.0 | 3.7 | 4.2 | 4.3 | 3.6 | 3.3 | 3.3 | 3.0 | 4.2 | 2.8 | 2.4 | 3.10 | 24 | 7.2 |
| 29 | 2.3 | 2.2 | 2.0 | 2.1 | 2.2 | 2.7 | 3.6 | 3.9 | 3.9 | 4.3 | 3.4 | | | | 3.2 | 3.3 | 3.3 | 3.0 | 2.9 | 3.8 | 3.6 | 3.4 | 3.5 | 3.5 | 3.13 | 21 | 5.3 |
| 30* | 2.7 | 3.3 | 2.7 | 2.2 | 2.1 | 2.3 | 2.9 | 3.6 | 3.1 | 2.9 | 3.1 | 3.3 | 3.2 | 2.5 | 2.6 | 2.6 | 2.9 | 3.5 | 4.2 | 4.8 | 4.0 | 3.8 | 3.4 | 3.6 | 3.12 | 24 | 5.5 |
| MEAN | 2.8 | 2.8 | 2.8 | 2.9 | 2.9 | 3.4 | 4.1 | 3.9 | 3.7 | 3.2 | 3.1 | 2.9 | 3.1 | 3.2 | 3.4 | 3.6 | 3.8 | 3.4 | 3.3 | 3.3 | 3.2 | 3.2 | 3.2 | 3.0 | 3.26 | | |
| NO | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 28 | 29 | 29 | 28 | 28 | 29 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | 709 | |
| MAX | 4.4 | 7.2 | 6.6 | 10.1 | 9.6 | 10.0 | 13.2 | 11.9 | 11.4 | 5.9 | 4.8 | 3.7 | 4.6 | 5.0 | 5.1 | 5.4 | 6.0 | 5.5 | 4.9 | 4.8 | 4.4 | 4.9 | 4.8 | 5.7 | 5.17 | | 14.9 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

**Table 3-54. OCTOBER, HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)**
**Flame Ionization Analysis**

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO. OF HRS. | 5-MIN. MAX. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1* | 5.4 | 5.6 | 4.9 | 4.4 | 4.0 | 6.6 | 4.7 | 4.1 | 4.0 | 4.0 | 4.0 | 3.2 | 3.4 | 3.3 | 2.9 | 2.9 | 2.9 | 3.3 | 3.5 | 3.5 | 3.0 | 3.0 | 2.7 | 2.4 | 3.81 | 24 | 11.5 |
| 2 | 2.3 | 2.3 | 2.3 | 2.4 | 2.5 | 3.4 | 3.9 | 3.8 | 3.4 | 3.3 | 3.4 | 3.2 | 3.4 | 3.3 | 3.4 | 3.4 | 3.7 | 3.5 | 3.1 | 3.0 | 2.6 | 2.4 | 2.4 | 2.3 | 3.01 | 24 | 4.6 |
| 3 | 2.2 | 3.5 | 4.1 | 2.4 | 2.3 | 2.8 | 3.4 | 3.5 | 3.6 | 3.0 | 3.1 | 3.0 | 3.4 | 3.9 | 3.5 | 3.0 | 3.3 | 4.4 | 5.8 | 6.0 | 4.0 | 3.5 | 2.8 | 2.7 | 3.46 | 24 | 7.2 |
| 4 | 4.0 | 2.4 | 2.3 | 2.3 | 2.6 | 3.3 | 3.9 | 4.2 | 3.9 | 3.3 | 2.8 | 2.6 | 2.6 | 2.8 | 2.8 | 2.9 | 3.4 | 3.5 | 3.8 | 4.0 | 4.2 | 3.3 | 3.8 | 3.5 | 3.24 | 24 | 7.5 |
| 5 | 3.3 | 2.6 | 2.6 | 2.3 | 2.3 | 3.1 | 4.3 | 3.9 | 4.0 | 3.2 | 3.4 | 3.2 | 3.1 | 3.1 | 3.6 | 3.8 | 3.8 | 3.3 | 3.0 | 3.1 | 2.9 | 2.8 | 2.6 | 2.4 | 3.14 | 24 | 6.2 |
| 6 | 2.3 | 2.1 | 2.0 | 1.9 | 1.9 | 2.9 | 4.1 | 4.3 | 3.7 | | | 3.2 | 3.1 | 3.2 | 3.7 | 4.0 | 4.4 | 3.7 | 3.6 | 3.1 | 2.8 | 2.4 | 2.5 | 2.1 | 3.04 | 22 | 5.8 |
| 7* | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.9 | 2.1 | 2.2 | 2.2 | 2.2 | 2.4 | 2.5 | 2.5 | 2.6 | 2.8 | 2.7 | 2.5 | 2.5 | 2.8 | 2.9 | 2.4 | 2.5 | 2.7 | 2.3 | 2.31 | 24 | 3.6 |
| 8* | 2.1 | 2.4 | 2.0 | 2.0 | 2.0 | 1.9 | 2.0 | 2.0 | 1.9 | 2.1 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.4 | 2.2 | 2.0 | 2.1 | 2.0 | 2.0 | 1.8 | 1.8 | 1.7 | 2.04 | 24 | 2.9 |
| 9 | 1.6 | 1.5 | 1.5 | 1.5 | 1.6 | 1.9 | 2.3 | 2.6 | 2.2 | 2.3 | 2.2 | 2.7 | 2.2 | 2.3 | 2.6 | 2.8 | 3.1 | 2.6 | 2.4 | 2.4 | 2.2 | 3.3 | 2.2 | 2.4 | 2.26 | 24 | 6.3 |
| 10 | 2.4 | 2.1 | 2.0 | 1.8 | 1.8 | 2.3 | 2.7 | 3.1 | 2.9 | 2.7 | 2.6 | 2.5 | 2.7 | 2.9 | 3.2 | 3.3 | 3.1 | 2.6 | 2.2 | 2.4 | 2.5 | 2.4 | 2.6 | 2.0 | 2.52 | 24 | 4.0 |
| 11 | 1.9 | 1.8 | 1.8 | 1.8 | 1.9 | 2.5 | 3.1 | 3.0 | 2.9 | 2.5 | 2.5 | 2.3 | 2.5 | 2.5 | 2.7 | 2.6 | 2.7 | 2.6 | 2.7 | 2.7 | 3.9 | 2.7 | 3.3 | 3.3 | 2.58 | 24 | 7.5 |
| 12 | 2.9 | 3.3 | 3.2 | 2.7 | 3.0 | 4.1 | 6.0 | 5.0 | 4.1 | 3.1 | 2.8 | 2.6 | 2.6 | 2.8 | 2.9 | 2.9 | 3.1 | 3.0 | 3.3 | 3.2 | 2.5 | 2.7 | 2.5 | 2.3 | 3.18 | 24 | 8.8 |
| 13 | 2.2 | 3.0 | 1.9 | 2.0 | 2.0 | 2.3 | 2.8 | 2.9 | 4.0 | 3.5 | 3.6 | 4.1 | 4.1 | | | 3.6 | 3.7 | 3.7 | 3.6 | 3.6 | 4.0 | 5.3 | 5.3 | 4.7 | 3.44 | 22 | 6.6 |
| 14* | 8.2 | 4.2 | 5.0 | 3.4 | 3.4 | 5.6 | 5.1 | 5.1 | 5.1 | 4.8 | 4.5 | 4.5 | 3.8 | 3.8 | 4.4 | 5.4 | 4.8 | 4.4 | 4.2 | 4.2 | 3.7 | 3.6 | 3.4 | 3.3 | 4.48 | 24 | 16.4 |
| 15* | 3.8 | 4.2 | 2.3 | 2.5 | 2.3 | 2.6 | 2.2 | 2.1 | 2.5 | 2.6 | 2.7 | 2.9 | 3.7 | 4.0 | 5.0 | 4.6 | 5.1 | 4.2 | 5.1 | 4.3 | 3.6 | 3.9 | 3.5 | 3.0 | 3.39 | 24 | 6.2 |
| 16 | 2.3 | 2.1 | 2.1 | 2.1 | 2.3 | 2.7 | 3.8 | 3.5 | 4.4 | 3.9 | 3.3 | 3.5 | 3.4 | 3.1 | 3.5 | 3.6 | 4.2 | 3.2 | 3.1 | 3.0 | 3.0 | 2.8 | 2.6 | 2.5 | 3.06 | 24 | 5.3 |
| 17 | 2.2 | 2.1 | 2.0 | 2.0 | 1.9 | 3.0 | 4.1 | 4.6 | 3.9 | 3.5 | 2.8 | 3.2 | 3.3 | 3.5 | 3.3 | 3.7 | 4.7 | | | | | | | | 3.15 | 17 | 7.9 |
| 18 | | 2.1 | 1.9 | 1.9 | 2.0 | 2.3 | | | | | | 2.7 | 2.7 | 3.3 | 3.8 | 3.9 | 4.4 | 3.5 | 2.9 | 2.8 | 2.9 | 2.7 | 3.3 | 4.0 | 2.94 | 18 | 10.2 |
| 19 | 2.1 | 2.0 | 2.0 | | 2.1 | 2.9 | 3.6 | 3.6 | 3.3 | 3.2 | 2.7 | 3.3 | 2.7 | 3.0 | 2.8 | 3.1 | 3.6 | 3.5 | 3.1 | 4.0 | 5.3 | 4.7 | 4.2 | 3.7 | 3.22 | 23 | 6.0 |
| 20 | 3.8 | 2.7 | 2.5 | 2.2 | 2.1 | 2.4 | 2.9 | 3.3 | 3.3 | 3.1 | | | | 2.3 | 2.4 | 2.5 | 2.6 | 2.5 | 2.5 | 2.4 | 2.3 | 2.2 | 2.2 | 2.2 | 2.59 | 21 | 6.1 |
| 21* | 2.8 | 2.0 | 2.1 | 2.2 | 2.1 | 2.4 | 2.5 | 2.6 | 2.5 | 2.2 | 2.1 | 2.9 | 2.3 | 2.2 | 2.5 | 2.5 | 2.5 | 2.7 | 2.9 | 2.9 | 3.5 | 4.8 | 5.2 | 5.1 | 2.81 | 24 | 5.8 |
| 22* | 5.3 | 4.2 | 3.3 | 3.0 | 2.8 | 3.1 | 2.8 | 2.8 | 2.5 | 2.2 | 2.1 | 2.1 | 2.1 | 2.1 | 2.3 | 2.2 | 2.4 | 2.5 | 2.5 | 2.5 | 2.3 | 2.3 | 2.3 | 2.2 | 2.65 | 24 | 6.4 |
| 23 | 2.0 | 2.1 | 2.2 | 2.2 | 2.3 | 2.7 | 3.6 | 3.5 | 3.4 | 3.7 | 3.7 | 3.0 | 3.1 | 3.3 | | 3.3 | 3.3 | 3.0 | 2.6 | 2.5 | 2.3 | 2.2 | 2.2 | 2.0 | 2.77 | 23 | 4.9 |
| 24 | 2.5 | 2.1 | 2.3 | 2.2 | 2.1 | 2.3 | 2.7 | 2.9 | 2.9 | 2.9 | 2.5 | 2.4 | 2.5 | 2.4 | 2.4 | 2.5 | 2.6 | 2.4 | 2.0 | 1.9 | 1.9 | 1.9 | 1.9 | 1.8 | 2.32 | 24 | 3.8 |
| 25 | 2.5 | 1.9 | 1.8 | 1.7 | 1.7 | 2.1 | 2.4 | 2.6 | 2.3 | 2.3 | 2.2 | | | | 2.8 | 2.9 | 3.0 | 2.2 | 2.0 | 2.1 | 2.0 | 2.0 | 2.1 | 2.0 | 2.21 | 21 | 4.8 |
| 26 | 1.7 | 1.9 | 2.0 | 2.1 | 2.1 | 2.6 | 2.8 | 3.4 | 2.8 | 2.3 | 2.3 | 2.2 | 2.3 | 2.4 | 2.8 | 3.3 | 3.5 | 2.8 | 2.6 | 3.2 | 3.5 | 3.8 | 3.3 | 2.7 | 2.66 | 24 | 4.5 |
| 27 | 2.1 | 1.9 | 1.8 | 1.8 | 2.1 | 2.7 | 3.5 | 3.5 | 3.3 | 2.8 | 3.0 | 2.9 | 2.7 | | | 3.2 | 3.5 | 2.9 | 2.4 | 2.3 | 2.5 | 2.8 | 2.7 | 2.8 | 2.67 | 22 | 4.7 |
| 28* | 2.8 | 2.9 | 2.3 | 2.3 | 2.3 | 2.4 | 2.9 | 3.4 | 4.1 | 2.5 | 2.8 | 2.7 | 2.7 | 2.7 | 2.8 | 2.9 | 2.6 | 2.8 | 3.1 | 3.1 | 2.6 | | 3.0 | 2.7 | 2.79 | 23 | 7.9 |
| 29* | 2.5 | 2.4 | 2.2 | 2.1 | 1.9 | 2.0 | 2.0 | 1.9 | 1.9 | 2.2 | 2.2 | 2.2 | 2.2 | 2.3 | 2.4 | 2.6 | 2.3 | 2.6 | 2.2 | 2.2 | 2.1 | 2.2 | 2.3 | 2.0 | 2.19 | 24 | 3.0 |
| 30 | 2.1 | 2.0 | 1.9 | 2.0 | 2.1 | 2.0 | 2.7 | 3.5 | 3.6 | 3.6 | 3.4 | 3.2 | 3.3 | 3.3 | 3.7 | 4.6 | 4.7 | 5.4 | 5.8 | 4.9 | 5.0 | 4.0 | 3.3 | 2.6 | 3.44 | 24 | 8.4 |
| 31 | 2.2 | 2.4 | 2.1 | 2.0 | 2.1 | 2.2 | 3.4 | 4.8 | 4.6 | 3.9 | 3.3 | 3.6 | 3.5 | 3.3 | | 3.9 | 4.5 | 4.8 | 3.8 | 3.9 | 3.7 | 3.6 | 4.8 | 5.2 | 3.54 | 23 | 16.0 |
| MEAN | 2.8 | 2.5 | 2.4 | 2.2 | 2.2 | 2.8 | 3.3 | 3.4 | 3.3 | 3.0 | 2.9 | 2.9 | 2.9 | 2.9 | 3.1 | 3.2 | 3.4 | 3.2 | 3.1 | 3.1 | 3.0 | 3.0 | 3.0 | 2.8 | 2.93 | | |
| NO | 30 | 31 | 31 | 30 | 31 | 31 | 30 | 30 | 30 | 29 | 28 | 29 | 29 | 28 | 27 | 31 | 31 | 30 | 30 | 30 | 30 | 29 | 30 | 30 | | 715 | |
| MAX | 8.2 | 5.6 | 5.0 | 4.4 | 4.0 | 6.6 | 6.0 | 5.1 | 5.1 | 4.8 | 4.5 | 4.5 | 4.1 | 4.0 | 5.0 | 5.4 | 5.1 | 5.4 | 5.8 | 6.0 | 5.3 | 5.3 | 5.3 | 5.2 | 4.48 | | 16.4 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

## Table 3-55. NOVEMBER, HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)
### Flame Ionization Analysis

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO. OF HRS. | 5-MIN MAX. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.0 | 2.3 | 2.2 | 2.1 | 2.3 | 2.7 | 3.8 | 4.3 | 4.8 | 3.8 | 5.5 | 3.2 | 2.7 | 2.6 | 3.0 | 3.0 | 3.2 | 3.4 | 2.8 | 2.5 | 2.3 | 2.4 | 2.4 | 2.4 | 3.02 | 24 | 7.2 |
| 2 | 2.3 | 2.2 | 2.2 | 2.2 | 2.1 | 2.2 | 2.6 | 3.0 | 3.4 | 4.2 | 3.8 | 3.5 | 4.2 | | | 4.6 | 4.4 | 4.0 | 3.2 | 2.7 | 3.0 | 2.4 | 2.5 | 2.4 | 3.04 | 22 | 6.1 |
| 3 | 2.1 | 2.0 | 1.9 | 2.2 | 1.9 | 2.1 | 3.5 | 3.9 | 4.1 | 4.0 | 3.8 | | 3.5 | | 4.5 | 4.1 | 4.8 | 4.4 | 4.0 | 3.2 | 3.4 | 3.0 | 2.9 | 2.8 | 3.27 | 22 | 6.4 |
| 4* | 2.4 | 2.4 | 2.1 | 2.0 | 1.9 | 1.9 | 2.1 | 2.1 | 2.4 | 2.3 | 2.2 | 2.3 | 2.3 | 2.4 | 2.4 | 2.3 | 2.4 | 2.3 | 2.3 | 2.2 | 2.4 | 2.3 | 2.3 | 2.4 | 2.25 | 24 | 3.4 |
| 5* | 2.2 | 2.0 | 2.0 | 1.9 | 1.9 | 1.8 | 1.9 | 2.0 | 2.0 | 1.9 | 1.9 | 2.0 | 2.0 | 2.4 | 2.3 | 2.2 | 2.3 | 2.4 | 2.3 | 2.1 | 2.1 | 2.1 | 2.0 | 2.1 | 2.07 | 24 | 4.4 |
| 6 | 2.0 | 2.1 | 2.1 | 2.0 | 2.0 | 2.1 | 2.4 | 3.1 | 3.1 | 2.8 | 2.9 | 2.5 | 2.4 | 2.6 | 2.8 | 2.8 | 3.2 | 3.5 | 3.2 | 3.3 | 3.5 | 3.0 | 3.0 | 3.1 | 2.71 | 24 | 4.5 |
| 7 | 5.0 | 3.9 | 2.9 | 2.3 | 2.7 | 2.6 | 3.0 | 4.2 | 4.2 | 3.6 | 3.1 | 3.1 | 3.2 | 3.3 | 4.3 | 4.4 | 4.6 | 4.3 | 3.8 | 3.2 | 3.1 | 3.1 | 4.6 | 5.2 | 3.65 | 24 | 8.8 |
| 8 | 5.2 | 5.8 | 5.2 | 3.6 | 2.9 | 2.9 | 3.7 | 4.3 | 3.8 | 3.0 | 2.7 | 2.8 | 2.5 | 2.6 | 2.7 | 3.0 | 3.0 | 2.8 | 2.4 | 2.3 | 2.2 | 2.5 | 3.0 | 2.8 | 3.23 | 24 | 6.5 |
| 9 | 2.9 | 2.5 | 2.4 | 2.4 | 2.4 | 2.3 | 3.0 | 3.8 | 4.5 | 3.7 | 3.1 | 3.1 | 3.1 | | | 3.6 | 4.8 | 3.8 | 3.6 | 3.7 | 3.5 | 3.2 | 4.3 | 7.4 | 3.49 | 22 | 8.9 |
| 10 | 4.5 | 4.2 | 4.0 | 3.3 | 3.2 | 3.4 | 4.7 | 6.7 | 5.8 | 4.5 | 4.6 | 3.9 | 3.8 | 3.8 | 3.9 | 3.9 | 3.9 | 3.4 | 3.3 | 3.2 | 3.0 | 2.7 | 2.4 | 2.7 | 3.84 | 24 | 8.3 |
| 11* | 2.5 | 2.5 | 2.6 | 2.5 | 2.4 | 2.5 | 2.7 | 2.8 | 2.7 | 2.8 | 2.7 | 2.7 | 2.7 | 2.6 | 2.6 | 2.9 | 3.2 | 2.9 | 2.8 | 2.6 | 2.4 | 2.3 | 2.3 | 2.5 | 2.63 | 24 | 3.5 |
| 12* | 2.4 | 2.2 | 2.1 | 2.0 | 2.0 | 1.9 | 1.8 | 1.9 | 2.0 | 2.0 | 2.0 | 2.1 | 2.2 | 2.4 | 2.5 | 2.7 | 2.8 | 2.8 | 2.6 | 2.6 | 2.5 | 2.4 | 2.5 | 2.3 | 2.26 | 24 | 3.6 |
| 13 | 2.0 | 1.9 | 1.9 | 1.8 | 1.8 | 2.2 | 2.5 | 3.0 | 3.4 | 2.8 | 2.7 | 2.6 | 2.7 | 2.5 | 3.3 | 3.3 | 3.2 | 3.1 | 3.0 | 3.1 | 2.7 | 2.6 | 2.3 | 2.3 | 2.60 | 24 | 5.0 |
| 14 | 2.0 | 1.9 | 1.9 | 1.8 | 1.8 | 1.8 | 2.2 | 2.5 | 2.7 | 2.6 | 2.5 | | 3.0 | 2.9 | 3.2 | 3.8 | 3.8 | 4.0 | 3.4 | 2.8 | 2.5 | 2.8 | 2.4 | 2.3 | 2.63 | 23 | 5.0 |
| 15 | 2.2 | 2.1 | 2.1 | 2.0 | 2.0 | 2.1 | 3.1 | 3.8 | 4.4 | 3.7 | 3.4 | 3.1 | 2.8 | 3.2 | 4.0 | 3.5 | 3.6 | 2.9 | 2.4 | 2.4 | 3.0 | 2.9 | 2.7 | 2.5 | 2.90 | 24 | 5.3 |
| 16 | 2.3 | 2.2 | 2.2 | 2.0 | 2.1 | 2.2 | 2.4 | 2.8 | | 2.5 | 2.4 | 2.3 | 2.4 | 2.6 | 2.7 | 2.9 | 3.4 | 3.2 | 2.8 | 2.8 | 2.7 | 2.5 | 2.6 | 2.6 | 2.55 | 23 | 3.9 |
| 17 | 3.0 | 2.6 | 2.6 | 5.0 | 2.6 | 2.4 | 2.8 | 3.3 | 3.2 | 3.1 | 2.7 | 2.8 | 2.4 | | | | 3.0 | 2.8 | 2.5 | 2.6 | 2.4 | 2.6 | 4.6 | 2.3 | 2.81 | 21 | 9.0 |
| 18* | 2.1 | 2.0 | 1.9 | 1.8 | 1.8 | 1.8 | 1.9 | 2.8 | 2.2 | 2.4 | 2.3 | 2.5 | 2.5 | 2.4 | 2.4 | 2.7 | 2.6 | 2.6 | 2.4 | 2.4 | 2.6 | 2.3 | 2.4 | 2.7 | 2.30 | 24 | 4.7 |
| 19* | 2.9 | 2.6 | 2.3 | 2.2 | 2.1 | 2.0 | 2.0 | 2.2 | 2.2 | 2.1 | 2.1 | 2.2 | 2.4 | 2.7 | 2.8 | 3.3 | 3.1 | 3.0 | 2.9 | 2.6 | 2.5 | 2.6 | 2.3 | 2.3 | 2.47 | 24 | 4.1 |
| 20 | 2.1 | 1.9 | 1.8 | 1.9 | 1.7 | 2.0 | 2.4 | 2.4 | 2.5 | 2.6 | 2.5 | 2.4 | 2.3 | 2.8 | 3.2 | 2.7 | 2.9 | 3.1 | 2.4 | 2.4 | 2.5 | 2.2 | 2.2 | 2.3 | 2.38 | 24 | 3.8 |
| 21 | 2.5 | 2.1 | 2.2 | 2.0 | 1.9 | 2.1 | 2.5 | 3.1 | 3.2 | 3.1 | 3.3 | 3.2 | 4.0 | 4.6 | | | 4.2 | 4.2 | 3.3 | 3.2 | 3.3 | 2.6 | 2.9 | 2.3 | 2.98 | 22 | 5.7 |
| 22 | 2.2 | 2.1 | 2.3 | 2.1 | 2.4 | 2.2 | 2.8 | 3.2 | 3.1 | 2.8 | 3.0 | 2.9 | 2.7 | 3.0 | 3.2 | 3.4 | 3.5 | 3.4 | 2.8 | 2.8 | 2.7 | 2.9 | 2.5 | 2.4 | 2.76 | 24 | 4.1 |
| 23 | 2.2 | 1.9 | 2.9 | 1.8 | 1.8 | 1.8 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 2.1 | 1.9 | 2.0 | 2.0 | 2.2 | 2.2 | 2.2 | 2.5 | 2.4 | 2.4 | 2.3 | 2.4 | 2.3 | 2.11 | 24 | 4.1 |
| 24 | 2.1 | 2.0 | 1.9 | 1.9 | 2.0 | 2.0 | 2.4 | 2.9 | 3.1 | 2.8 | 2.7 | 2.9 | 3.0 | 3.0 | 3.4 | 3.6 | 3.8 | 3.8 | 3.7 | 2.8 | 3.6 | 3.0 | 2.8 | 3.0 | 2.81 | 24 | 9.1 |
| 25* | 3.0 | 2.8 | 2.6 | 3.1 | 2.1 | 2.1 | 2.4 | 2.5 | 2.5 | 2.4 | 2.9 | 2.8 | 3.2 | 3.5 | 3.6 | 3.5 | 3.5 | 2.6 | 2.6 | 2.3 | 2.5 | 2.4 | 2.3 | 2.4 | 2.73 | 24 | 5.5 |
| 26* | 2.4 | 2.3 | 2.2 | 2.3 | 2.6 | 2.5 | 2.4 | 2.3 | 2.5 | 2.6 | 2.4 | 2.2 | 2.3 | 2.3 | 2.5 | 2.6 | 2.5 | 2.5 | 2.3 | 2.2 | 2.0 | 2.0 | 2.1 | 2.1 | 2.33 | 24 | 3.2 |
| 27 | 2.0 | 1.9 | 1.9 | 1.9 | 1.9 | 2.0 | 2.4 | 2.6 | 2.5 | 2.4 | | 2.4 | 2.3 | 2.4 | 2.5 | 2.6 | 2.8 | 2.8 | 2.5 | 2.4 | 2.2 | 2.2 | 2.2 | 2.2 | 2.29 | 23 | 3.2 |
| 28 | 2.3 | 2.1 | 2.8 | 2.0 | 1.9 | 2.0 | 2.6 | 3.1 | 2.8 | 2.6 | 2.5 | 2.4 | 2.4 | 2.5 | 2.7 | 2.8 | 3.0 | 3.1 | 2.8 | 2.8 | 2.6 | 3.0 | 2.8 | 2.7 | 2.58 | 24 | 5.3 |
| 29 | 2.6 | 2.3 | 2.3 | 2.5 | 2.4 | 2.1 | 2.8 | 2.8 | 4.6 | 3.3 | 3.3 | 3.5 | 3.7 | 3.1 | 3.2 | 3.1 | 3.0 | 3.2 | 2.6 | 2.4 | 2.7 | 2.6 | 2.4 | 2.3 | 2.86 | 24 | 5.4 |
| 30 | 2.2 | 2.0 | 2.1 | 2.0 | 1.9 | 2.1 | 3.2 | 4.3 | 4.4 | 3.5 | 3.2 | 3.2 | 3.0 | 2.9 | 3.3 | 3.6 | 4.2 | 4.4 | 3.8 | 2.9 | 2.6 | 2.8 | 3.2 | 3.0 | 3.07 | 24 | 8.1 |
| MEAN | 2.6 | 2.4 | 2.4 | 2.3 | 2.2 | 2.2 | 2.7 | 3.1 | 3.2 | 2.9 | 2.9 | 2.7 | 2.8 | 2.8 | 3.0 | 3.2 | 3.3 | 3.2 | 2.9 | 2.7 | 2.7 | 2.6 | 2.6 | 2.7 | 2.75 | | |
| NO | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 29 | 30 | 29 | 28 | 30 | 26 | 26 | 28 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | 706 | |
| MAX | 5.2 | 5.8 | 5.2 | 5.0 | 3.2 | 3.4 | 4.7 | 6.7 | 5.8 | 4.5 | 5.5 | 3.9 | 4.2 | 4.6 | 4.5 | 4.6 | 4.8 | 4.4 | 4.0 | 3.7 | 3.6 | 3.2 | 4.6 | 7.4 | 3.84 | | 9.1 |

TABULATED SAT.. JUN. 22. 1968

* Indicates Saturday or Sunday
Local standard time used

**Table 3-56. DECEMBER, HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)**
**Flame Ionization Analysis**

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO. OF HRS. | 5-MIN. MAX. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.7 | 2.8 | 2.8 | 2.2 | 2.3 | 2.2 | 2.7 | 3.0 | 3.4 | 3.4 | 3.2 | | 2.7 | 2.7 | 3.0 | 3.1 | 2.3 | 3.0 | 3.0 | 2.7 | 2.7 | 2.6 | 2.4 | 2.7 | 2.75 | 23 | 4.0 |
| 2* | 2.8 | 2.2 | 2.5 | 2.4 | 2.4 | 2.1 | 2.1 | 2.3 | 2.6 | 3.4 | 3.4 | 3.3 | 3.6 | 3.8 | 3.3 | 3.4 | 3.6 | 3.2 | 2.9 | 2.7 | 3.0 | 2.8 | 2.9 | 2.8 | 2.89 | 24 | 4.6 |
| 3* | 2.7 | 2.4 | 2.3 | 2.2 | 2.0 | 2.0 | 2.0 | 2.2 | 2.2 | 2.2 | 2.2 | 2.3 | 2.2 | 2.3 | 2.2 | 2.4 | 2.5 | 2.7 | 2.8 | 2.5 | 2.3 | 2.2 | 2.2 | 2.2 | 2.29 | 24 | 3.2 |
| 4 | 2.1 | 2.0 | 2.0 | 2.1 | 2.1 | 2.2 | 2.7 | 3.3 | 3.4 | 3.5 | 3.1 | 3.3 | 2.9 | 2.9 | 3.2 | 3.2 | 3.3 | 3.3 | 3.2 | 2.7 | 2.6 | 2.4 | 2.4 | 2.4 | 2.75 | 24 | 4.8 |
| 5 | 2.4 | 2.3 | 5.3 | 2.4 | 2.5 | 2.6 | 3.2 | 3.7 | 4.0 | 4.2 | 4.0 | 3.7 | 3.4 | 3.7 | 3.6 | 3.7 | 4.0 | 4.0 | 3.4 | 3.1 | 3.0 | 3.1 | 2.8 | 2.8 | 3.36 | 24 | 11.5 |
| 6 | 3.0 | 2.6 | 2.5 | 2.5 | 2.5 | 2.8 | 3.4 | 3.7 | 4.2 | 3.7 | 3.6 | 3.8 | 3.8 | 3.5 | | 5.6 | 5.1 | 5.9 | 5.2 | 5.4 | 3.2 | 3.4 | 3.3 | 4.3 | 3.78 | 23 | 8.1 |
| 7 | 3.4 | 2.8 | 2.6 | 2.6 | 2.4 | 2.1 | 2.6 | 2.6 | 2.7 | 2.6 | 2.4 | 2.4 | 2.3 | 2.5 | 2.7 | 2.8 | 3.1 | 3.4 | 3.3 | 2.9 | 2.9 | 2.8 | 2.8 | 2.3 | 2.70 | 24 | 4.5 |
| 8 | 3.1 | 2.2 | 2.2 | 2.1 | 2.1 | 2.2 | 2.9 | 4.0 | 3.9 | 3.3 | | 2.7 | 2.6 | 2.8 | 3.1 | 3.9 | 3.9 | 3.7 | 3.5 | 3.2 | 3.9 | 3.1 | 3.2 | 3.2 | 3.06 | 23 | 6.3 |
| 9* | 3.1 | 2.5 | 2.4 | 2.2 | 2.2 | 2.3 | 2.5 | 3.0 | 3.4 | 3.5 | 3.7 | 3.7 | 4.0 | 3.8 | 4.0 | 3.8 | 3.6 | 3.5 | 3.5 | 3.4 | 3.8 | 3.2 | 2.9 | 3.5 | 3.22 | 24 | 5.3 |
| 10* | 3.1 | 3.1 | 2.6 | 2.3 | 2.2 | 2.1 | 2.1 | 2.3 | 2.2 | 2.3 | 2.5 | 2.6 | 2.8 | 2.9 | 3.4 | 3.7 | 4.4 | 4.0 | 3.8 | 3.7 | 3.0 | 2.9 | 2.4 | 2.6 | 2.87 | 24 | 5.0 |
| 11 | 2.5 | 2.4 | 2.4 | 2.3 | 2.1 | 2.2 | 2.8 | 3.4 | 3.6 | 3.2 | 3.3 | | | 3.8 | 4.0 | 3.4 | 4.4 | 4.4 | 3.9 | 3.2 | 3.6 | 3.6 | 3.0 | 2.8 | 3.18 | 22 | 5.9 |
| 12 | 2.5 | 2.7 | 2.2 | 2.1 | 2.1 | 2.0 | 2.5 | 2.7 | 2.8 | 2.7 | 2.7 | 2.6 | 2.7 | 2.5 | 2.8 | 2.8 | 3.2 | 3.4 | 2.8 | 2.6 | 2.8 | 2.5 | 2.4 | 2.4 | 2.60 | 24 | 3.7 |
| 13 | 3.7 | 2.1 | 2.0 | 1.9 | 2.0 | 2.0 | 2.3 | 2.7 | 2.9 | 2.6 | 2.4 | 2.6 | 2.5 | 2.5 | 2.8 | 3.0 | 3.2 | 3.2 | 2.9 | 2.8 | 2.6 | 2.7 | 2.8 | 2.5 | 2.60 | 24 | 7.4 |
| 14 | 2.4 | 2.3 | 2.3 | 2.1 | 2.2 | 2.3 | 2.8 | 3.2 | 3.3 | 3.1 | 3.1 | 3.1 | 2.6 | 2.6 | 2.9 | 3.1 | 3.5 | 3.5 | 3.2 | 3.0 | 2.8 | 2.9 | 2.8 | 3.7 | 2.84 | 24 | 5.2 |
| 15 | 2.3 | 2.2 | 2.1 | 2.0 | 2.1 | 2.2 | 2.6 | 3.0 | 3.2 | 2.8 | 2.6 | 2.7 | 2.7 | 2.5 | | | 3.4 | 3.4 | 3.2 | 3.1 | 2.8 | 2.8 | 2.8 | 2.9 | 2.68 | 22 | 4.3 |
| 16* | 2.6 | 2.4 | 2.4 | 2.3 | 2.3 | 2.3 | 2.6 | 2.8 | 2.9 | 3.1 | 3.7 | 3.0 | 2.6 | 2.6 | 2.6 | 2.8 | 2.8 | 3.0 | 2.8 | 2.9 | 3.2 | 2.7 | 2.6 | 2.9 | 2.73 | 24 | 9.1 |
| 17* | 2.9 | 2.8 | 2.6 | 2.4 | 2.4 | 2.5 | 2.3 | 2.2 | 2.3 | 2.2 | 2.2 | 2.4 | 2.4 | 2.4 | 2.6 | 2.9 | 2.8 | 2.8 | 2.7 | 2.7 | 2.4 | 2.2 | 2.2 | 2.3 | 2.46 | 24 | 3.6 |
| 18 | 2.1 | 2.1 | 2.0 | 2.0 | 2.0 | 2.2 | 2.8 | 2.9 | 3.7 | 3.6 | | | 4.1 | 3.5 | 3.2 | 3.3 | 3.3 | 3.4 | 3.1 | 3.4 | 3.2 | | | | 2.93 | 19 | 5.8 |
| 19 | | | | | | | | | | 3.0 | 3.6 | 3.5 | 2.7 | 3.2 | 3.6 | 3.7 | 3.4 | 3.7 | 3.3 | 3.1 | 2.5 | 3.4 | 2.9 | 3.2 | 3.25 | 15 | 5.3 |
| 20 | 3.0 | 2.6 | 2.9 | 2.9 | 2.9 | 3.4 | 3.3 | 4.2 | 4.6 | 3.8 | 4.9 | 4.7 | 3.4 | 3.9 | 3.9 | 3.2 | 3.5 | 3.5 | 3.0 | 3.0 | 3.3 | 2.9 | 2.9 | 2.8 | 3.44 | 24 | 6.1 |
| 21 | 2.9 | 3.5 | 3.2 | 2.3 | 2.2 | 2.4 | 2.6 | 4.0 | 4.9 | 4.9 | 4.0 | 4.5 | 3.9 | 3.1 | 2.9 | 3.0 | 2.8 | 3.0 | 2.4 | 2.4 | 2.3 | 2.3 | 2.2 | 2.3 | 3.07 | 24 | 6.3 |
| 22 | 2.3 | 2.5 | 1.9 | 1.9 | 1.9 | 1.9 | 2.2 | 2.6 | 2.6 | 2.4 | 2.6 | 2.6 | 2.9 | 2.7 | 2.8 | 3.0 | 2.8 | 2.5 | 2.3 | 2.4 | 2.6 | 2.6 | 2.8 | 2.4 | 2.45 | 24 | 5.0 |
| 23* | 2.4 | 2.2 | 2.2 | 2.0 | 2.0 | 1.9 | 2.0 | 2.2 | 3.1 | 2.3 | 2.3 | 2.4 | 2.4 | 2.3 | 2.6 | 2.7 | 2.2 | 2.3 | 2.4 | 2.2 | 2.4 | 2.4 | 2.3 | 2.3 | 2.30 | 24 | 5.5 |
| 24* | 2.3 | 2.4 | 2.5 | 2.2 | 2.2 | 2.2 | 2.2 | 2.4 | 2.5 | 2.5 | 2.4 | 2.2 | 2.3 | 2.3 | 2.5 | 2.9 | 2.6 | 2.4 | 2.4 | 2.4 | 2.5 | 2.2 | 2.2 | 2.2 | 2.32 | 24 | 3.0 |
| 25 | 2.2 | 2.3 | 2.3 | 2.3 | 2.4 | 2.3 | 2.2 | 2.2 | 2.1 | 2.2 | 2.0 | 2.1 | 2.2 | 2.1 | 2.2 | 2.2 | 2.2 | 2.1 | 2.0 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.18 | 24 | 2.9 |
| 26 | 2.0 | 1.9 | 1.8 | 1.8 | 1.8 | 1.9 | 2.2 | 2.7 | 2.4 | 2.6 | | | 2.7 | | | 3.2 | 3.2 | 3.2 | 2.9 | 3.0 | 3.0 | 3.2 | 3.6 | 3.1 | 2.59 | 20 | 4.1 |
| 27 | 2.9 | 3.2 | 3.2 | 3.2 | 2.8 | 2.7 | 4.4 | 4.4 | 4.3 | 3.8 | 3.0 | 2.9 | 2.8 | 2.7 | 3.3 | 3.5 | 3.6 | 3.7 | 3.1 | 3.0 | 2.8 | 2.6 | 2.6 | 2.8 | 3.21 | 24 | 5.3 |
| 28 | 2.6 | 2.7 | 2.5 | 2.6 | 2.6 | 2.5 | 2.8 | 2.7 | 2.7 | 2.5 | 2.2 | 2.3 | 2.4 | 2.5 | 4.5 | 5.2 | 4.7 | 4.3 | 3.7 | 3.4 | 3.3 | 3.0 | 3.1 | 3.3 | 3.08 | 24 | 6.0 |
| 29 | 3.1 | 3.2 | 2.9 | 2.9 | 2.8 | 2.9 | 3.1 | 4.1 | 4.9 | 3.9 | 3.4 | 3.3 | 2.9 | 3.0 | 3.2 | 3.5 | 3.5 | 3.1 | 2.7 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 3.13 | 24 | 7.2 |
| 30* | 2.7 | 3.4 | 2.5 | 2.4 | 2.3 | 2.3 | 2.3 | 2.5 | 2.6 | 2.7 | 2.8 | 2.6 | 2.7 | 2.9 | 2.9 | 3.0 | 3.2 | 2.9 | 2.9 | 2.8 | 2.7 | 2.6 | 2.6 | 2.7 | 2.70 | 24 | 5.3 |
| 31* | 3.3 | 2.6 | 2.4 | 2.2 | 2.1 | 2.1 | 2.1 | 2.2 | 2.2 | 2.2 | 2.1 | 2.2 | 2.2 | 2.3 | 2.3 | 2.4 | 2.4 | 2.4 | 2.4 | 2.6 | 2.6 | 2.6 | 2.5 | 2.5 | 2.36 | 24 | 3.9 |
| MEAN | 2.7 | 2.5 | 2.5 | 2.3 | 2.3 | 2.3 | 2.6 | 3.0 | 3.2 | 3.0 | 3.0 | 2.9 | 2.8 | 2.9 | 3.1 | 3.3 | 3.3 | 3.3 | 3.0 | 2.9 | 2.9 | 2.7 | 2.7 | 2.7 | 2.82 | | |
| NO | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 31 | 28 | 27 | 30 | 30 | 28 | 30 | 31 | 31 | 31 | 31 | 31 | 30 | 30 | 30 | | 719 | |
| MAX | 3.7 | 3.5 | 5.3 | 3.2 | 2.9 | 3.4 | 4.4 | 4.4 | 4.9 | 4.9 | 4.9 | 4.7 | 4.1 | 3.9 | 4.5 | 5.6 | 5.1 | 5.9 | 5.2 | 5.4 | 3.9 | 3.6 | 3.6 | 4.3 | 3.78 | | 11.5 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

## Table 3-57. JANUARY, HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)
### Potassium Iodide Analysis

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO. OF HRS | 5-MIN MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1* | .01 | .01 | | .02 | .01 | .01 | .01 | .00 | .01 | .00 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .02 | .01 | .00 | .00 | .01 | .01 | .01 | .008 | 23 | .03 |
| 2 | .00 | .00 | | .00 | .00 | .00 | .00 | .00 | .00 | .01 | .01 | .02 | .01 | .03 | | | .04 | .03 | .04 | .03 | .02 | .03 | .01 | .02 | .014 | 21 | .06 |
| 3 | .01 | .01 | | .01 | .01 | .01 | .01 | .03 | .03 | .01 | .00 | .00 | .00 | .01 | .01 | .01 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .007 | 23 | .06 |
| 4 | .00 | .00 | | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | | | .00 | .00 | .00 | .00 | .00 | .00 | .02 | .01 | .001 | 21 | .07 |
| 5 | .02 | .00 | | .00 | .00 | .00 | .01 | .01 | .02 | .02 | .01 | .02 | .01 | .02 | | | | .01 | .01 | .01 | .01 | .01 | .00 | .00 | .010 | 20 | .06 |
| 6 | .00 | .00 | | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .01 | .01 | .02 | .03 | .02 | .00 | .01 | .01 | .02 | .03 | .02 | .007 | 23 | .06 |
| 7* | .02 | .02 | | .01 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | | | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .002 | 21 | .05 |
| 8* | .00 | .00 | | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | | | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .000 | 21 | .01 |
| 9 | .00 | .00 | | .00 | .00 | .00 | .00 | .00 | .00 | .00 | | | | | | | | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .005 | 16 | .03 |
| 10 | .00 | .01 | | .01 | .01 | .01 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | | | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .002 | 21 | .02 |
| 11 | .00 | .00 | | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | | | | | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .001 | 19 | .01 |
| 12 | .00 | .00 | | .00 | .00 | .00 | .00 | .00 | .00 | | | | .02 | .03 | | | .05 | .04 | .03 | .04 | .04 | .04 | .04 | .03 | .019 | 18 | .08 |
| 13 | .03 | .02 | | .03 | .03 | .03 | .05 | .07 | .10 | .04 | .04 | .02 | .02 | .03 | | | .07 | .06 | .05 | .06 | .05 | .05 | .05 | .04 | .044 | 21 | .15 |
| 14* | .02 | .02 | | .01 | .01 | .01 | .01 | .02 | .02 | .01 | .02 | .02 | .03 | .02 | | | .03 | .02 | .02 | .01 | .01 | .01 | .01 | .01 | .015 | 21 | .07 |
| 15* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21* | | .00 | | .00 | .00 | .01 | .01 | .01 | .02 | .03 | .03 | .04 | .03 | .04 | | | .04 | .06 | .05 | .06 | .08 | .08 | .04 | .03 | .033 | 20 | .12 |
| 22* | .03 | .03 | | .01 | .02 | .02 | .03 | .04 | .04 | .04 | .04 | .03 | .04 | .04 | | | | .03 | .02 | .02 | .02 | .02 | .02 | .02 | .027 | 20 | .07 |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | .05 | .03 | | | .05 | .04 | .08 | .10 | .07 | .07 | .06 | .04 | .03 | .03 | | | | | | | .03 | .03 | .02 | .02 | .046 | 16 | .13 |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | .02 | .02 | | .02 | .02 | .02 | .02 | .01 | .02 | .02 | .01 | .01 | .01 | .01 | .01 | .01 | .00 | .00 | .00 | .00 | .00 | .01 | .01 | .01 | .011 | 23 | .04 |
| 28* | .01 | .00 | | .00 | .00 | .00 | .00 | .00 | .00 | .01 | .02 | .02 | .03 | .03 | .03 | .03 | .02 | .02 | .02 | .02 | .02 | .02 | .01 | .01 | .014 | 23 | .04 |
| 29* | .01 | .01 | | .01 | .01 | .01 | .01 | .01 | .02 | .03 | .02 | .02 | .03 | .03 | .03 | .04 | .03 | .03 | .03 | .03 | .02 | .02 | .03 | .03 | .022 | 23 | .05 |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MEAN | .01 | .01 | | .01 | .01 | .01 | .01 | .02 | .02 | .01 | .02 | .01 | .02 | .02 | | | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .01 | .014 | | |
| NO | 19 | 20 | | 19 | 20 | 20 | 20 | 20 | 20 | 19 | 18 | 18 | 18 | 18 | 6 | 6 | 16 | 19 | 19 | 19 | 20 | 20 | 20 | 20 | | 414 | |
| MAX | .05 | .03 | | .03 | .05 | .04 | .08 | .10 | .10 | .07 | .06 | .04 | .04 | .04 | .03 | .04 | .07 | .06 | .05 | .06 | .08 | .08 | .05 | .04 | .046 | | .15 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

**Table 3-58. FEBRUARY, HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)**
**Potassium Iodide Analysis**

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO OF HRS | 5 MIN MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18* | .00 | .00 | | .01 | .00 | .01 | .01 | .01 | .01 | .00 | .00 | .00 | .01 | .02 | | | .03 | .03 | .03 | .02 | .02 | .02 | .03 | .02 | .012 | 21 | .04 |
| 19* | .02 | .02 | | .00 | .00 | .00 | .01 | .02 | .03 | .02 | .02 | .03 | .03 | .03 | | | .04 | .04 | .03 | .04 | .03 | .04 | .03 | .02 | .022 | 21 | .07 |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | .01 | .01 | | .01 | .01 | .01 | .00 | .00 | .00 | .01 | .02 | .03 | .03 | .02 | | | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .007 | 21 | .05 |
| 23 | .01 | .01 | | .01 | .01 | .00 | .00 | .00 | .00 | .00 | .00 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .00 | .00 | .00 | .01 | .01 | .006 | 23 | .02 |
| 24 | .01 | .01 | | .01 | .01 | .01 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .002 | 23 | .01 |
| 25* | .00 | .00 | | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .000 | 23 | .01 |
| 26* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | | .01 | | .01 | | | | .02 | .02 | | | | | .04 | | | .05 | .04 | .04 | .03 | .02 | .02 | .02 | .01 | .026 | 13 | .08 |
| 28 | .01 | .02 | | .01 | .01 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .01 | .00 | .00 | .00 | .01 | .00 | .00 | .00 | .00 | .00 | .00 | .01 | .003 | 23 | .02 |
| MEAN | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NO | 7 | 8 | | 8 | 7 | 7 | 7 | 8 | 8 | 7 | 7 | 7 | 7 | 8 | 4 | 4 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | | 168 | |
| MAX | .02 | .02 | | .01 | .01 | .01 | .01 | .02 | .03 | .02 | .02 | .03 | .03 | .04 | .01 | .01 | .05 | .04 | .04 | .04 | .03 | .04 | .03 | .02 | .026 | | .08 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

**Table 3-59. MARCH, HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)**
**Potassium Iodide Analysis**

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO. OF HRS. | 5-MIN. MAX. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .01 | .01 | | .02 | .02 | .02 | .02 | .00 | .00 | .00 | .00 | .00 | .00 | .01 | .02 | .02 | .01 | .01 | .01 | .01 | .02 | .02 | .02 | .02 | .011 | 23 | .03 |
| 2 | .01 | .02 | | .02 | .02 | .03 | .06 | .06 | .08 | .09 | .08 | | | | | | .05 | .05 | .08 | .05 | .05 | .07 | .07 | .06 | .051 | 18 | .12 |
| 3 | .04 | .04 | | .02 | .01 | .02 | .03 | .05 | .06 | .04 | .02 | .01 | .01 | .01 | .01 | .01 | .03 | .05 | .05 | .03 | .02 | .02 | .02 | .01 | .026 | 23 | .09 |
| 4* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | .00 | .00 | .01 | .01 | .00 | .00 | .00 | .00 | .00 | | | | | | | | .02 | .03 | .02 | .00 | .00 | .00 | .00 | .005 | 16 | .06 |
| 7 | .00 | .00 | | .00 | .01 | .00 | .00 | .01 | .01 | | | | | | | | | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .002 | 15 | .05 |
| 8 | .00 | .00 | | .01 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | | | | | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .000 | 19 | .01 |
| 9 | .00 | .00 | | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | | | | | .04 | .03 | .03 | .03 | .03 | .03 | .010 | 19 | .05 |
| 10 | .02 | .02 | | | .03 | .02 | .03 | .04 | .03 | .02 | .01 | .01 | .01 | .02 | .02 | .01 | .02 | .05 | .06 | .07 | .07 | .09 | .09 | .11 | .039 | 22 | .16 |
| 11* | .07 | .05 | | | .05 | .05 | .05 | .03 | .03 | .04 | .04 | .03 | .03 | .03 | .03 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .05 | .038 | 22 | .08 |
| 12* | .04 | .03 | | | .03 | .03 | .03 | .03 | .04 | .04 | .05 | .05 | .05 | .06 | .07 | .06 | .07 | .07 | .07 | .06 | .06 | .03 | .03 | .04 | .047 | 22 | .11 |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | .03 | .04 | .04 | .03 | .05 | .05 | .04 | .04 | .05 | .05 | .05 | .05 | .04 | .04 | .05 | .043 | 15 | .08 |
| 22 | .03 | .03 | | | .01 | .01 | .02 | .03 | .03 | .03 | .02 | | | | | | | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .013 | 16 | .07 |
| 23 | .00 | .00 | | | .00 | .00 | .01 | .00 | .00 | .00 | .01 | .01 | .01 | .01 | | | .02 | .02 | .01 | .01 | .01 | .01 | .01 | .01 | .007 | 20 | .03 |
| 24 | .01 | .01 | | | .01 | .01 | .01 | .00 | .01 | .01 | .00 | .01 | .01 | .01 | .01 | .01 | .02 | .01 | .01 | .01 | .00 | .00 | .01 | .01 | .008 | 22 | .03 |
| 25* | .00 | .00 | | | .01 | .01 | .01 | .01 | .01 | .02 | .01 | .01 | .02 | .02 | | | .02 | .02 | .02 | .03 | .03 | .04 | .05 | .04 | .019 | 20 | .09 |
| 26* | .04 | .03 | | | .01 | .01 | .01 | .01 | .02 | .02 | .02 | .02 | .03 | .03 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .01 | .01 | .02 | .019 | 22 | .05 |
| 27 | .02 | .01 | | | .02 | .01 | .01 | .02 | .02 | .02 | .03 | .03 | .02 | .02 | | | .03 | .03 | .02 | .03 | .03 | .04 | .03 | .03 | .023 | 20 | .07 |
| 28 | .02 | .02 | | | .02 | .02 | .03 | .03 | .04 | .02 | .02 | .03 | .04 | .04 | | | .04 | .04 | .04 | .04 | .02 | .03 | .04 | .04 | .031 | 20 | .08 |
| 29 | .03 | .02 | | | .03 | .03 | .04 | .05 | .04 | .04 | .04 | .04 | .04 | .04 | | | .05 | .05 | .03 | .03 | .03 | .03 | .02 | .02 | .034 | 20 | .10 |
| 30 | .02 | .02 | | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .03 | .04 | .04 | .04 | .04 | .05 | .04 | .04 | .04 | .04 | .04 | .04 | .03 | .03 | .031 | 23 | .05 |
| 31 | .03 | .03 | | | .03 | .03 | .03 | .03 | .03 | .03 | .03 | | | | | .03 | .03 | .03 | .04 | .03 | .04 | .03 | .02 | .03 | .028 | 18 | .05 |
| MEAN | .02 | .02 | | | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | | | | | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .023 | | |
| NO. | 19 | 20 | 1 | 8 | 20 | 20 | 20 | 20 | 20 | 20 | 19 | 16 | 15 | 15 | 9 | 10 | 17 | 20 | 21 | 21 | 21 | 21 | 21 | 21 | | 415 | |
| MAX. | .07 | .05 | .00 | .02 | .05 | .05 | .06 | .06 | .08 | .08 | .08 | .05 | .05 | .06 | .07 | .06 | .07 | .07 | .08 | .07 | .07 | .09 | .09 | .11 | .051 | | .16 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

**Table 3-60. APRIL, HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)**
**Potassium Iodide Analysis**

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO. OF HRS. | 5-MIN. MAX. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | .02 | .01 | | | .01 | .01 | .01 | .03 | .03 | .03 | .02 | .03 | .04 | .04 | .04 | .04 | .03 | .03 | .03 | .02 | .03 | .03 | .02 | .03 | .025 | 22 | .05 |
| 5 | .03 | .02 | | | .03 | .04 | .06 | .06 | .06 | .05 | .05 | .04 | .04 | .04 | | | | .06 | .04 | .05 | .03 | .02 | .02 | .02 | .039 | 19 | .11 |
| 6 | .02 | .02 | | | .01 | .01 | .02 | .04 | .04 | .03 | .03 | .04 | .03 | .04 | | | | .04 | .04 | .03 | .03 | .02 | .02 | .02 | .028 | 19 | .08 |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | .02 | .01 | | .01 | .01 | .01 | .02 | .03 | .03 | .03 | .02 | .03 | .03 | .03 | .03 | .04 | .03 | .03 | .03 | .02 | .03 | .03 | .03 | .03 | .024 | 23 | .07 |
| 12 | .02 | .02 | | .02 | .02 | .01 | .02 | .01 | .03 | .01 | .02 | .04 | .04 | .05 | .07 | .06 | .07 | .07 | .05 | .04 | .04 | .02 | .03 | .04 | .034 | 23 | .11 |
| 13 | .03 | .02 | | | | | | | | | | .04 | .05 | .05 | .05 | .06 | .03 | .03 | .03 | .04 | .03 | .03 | .03 | .03 | .035 | 19 | .12 |
| 14 | .02 | .02 | | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .03 | .03 | .04 | .04 | | .05 | .04 | .03 | .03 | .03 | .03 | .03 | .02 | .02 | .027 | 22 | .06 |
| 15* | .02 | .03 | | .02 | .02 | .02 | .02 | .02 | .01 | .02 | .03 | .03 | .04 | .04 | .04 | .05 | .04 | .04 | .04 | .05 | .06 | .06 | .08 | .09 | .038 | 23 | .14 |
| 16* | .06 | .04 | | .02 | .01 | .02 | .02 | .02 | .02 | .02 | .03 | .03 | .03 | .04 | .04 | .04 | .04 | .04 | .07 | .04 | .04 | .03 | .02 | .02 | .032 | 23 | .11 |
| 17 | .02 | .02 | | | .02 | .02 | .02 | .02 | .02 | .03 | .03 | .03 | | | | | .02 | .01 | .02 | .01 | .01 | .01 | .01 | .01 | .018 | 18 | .03 |
| 18 | .02 | .01 | | .01 | .01 | .01 | .02 | .02 | .03 | .02 | .02 | .03 | .03 | .03 | | | .03 | .03 | .03 | .02 | .03 | .03 | .03 | .02 | .023 | 21 | .06 |
| 19 | .02 | .02 | | .02 | .02 | .02 | .03 | .03 | .04 | .03 | .04 | .03 | .04 | .04 | .05 | | | .04 | .03 | .04 | .03 | .03 | .03 | .03 | .030 | 21 | .06 |
| 20 | .03 | .02 | | .02 | .02 | .02 | .01 | .02 | .02 | .03 | .03 | .03 | .03 | .04 | | | | .03 | .03 | .03 | .03 | .04 | .04 | .03 | .027 | 20 | .06 |
| 21 | .03 | .02 | | .02 | .02 | .03 | .03 | .04 | .03 | .03 | .04 | .05 | .07 | .10 | | | | .03 | .03 | .04 | .04 | .04 | .06 | .03 | .039 | 20 | .12 |
| 22* | .03 | .02 | | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .03 | .02 | .03 | .03 | | | .02 | .03 | .02 | | | .03 | .03 | .03 | .023 | 19 | .04 |
| 23* | .03 | .02 | | .02 | .02 | .02 | .02 | .02 | .02 | .03 | .03 | .04 | .04 | .04 | .04 | .04 | .05 | .05 | .05 | .04 | .03 | .03 | .03 | .04 | .032 | 23 | .09 |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | .03 | .03 | | .03 | .02 | .02 | .04 | .04 | .05 | .04 | .04 | .04 | .04 | .05 | .05 | .06 | .06 | .05 | .05 | .04 | .05 | .04 | .06 | .05 | .042 | 23 | .10 |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | .02 | .02 | | .03 | .02 | .03 | .03 | .05 | .04 | .03 | .03 | .04 | .04 | .04 | | | | .03 | .03 | .04 | .03 | .01 | .02 | .03 | .030 | 20 | .08 |
| 29* | .03 | .02 | | .03 | .03 | .03 | .02 | .03 | .03 | .02 | .02 | .02 | .03 | .03 | | | .03 | .02 | .03 | .03 | .03 | .03 | | | .026 | 19 | .06 |
| 30* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MEAN | .02 | .02 | | | .02 | .02 | .02 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | | | | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .030 | | |
| NO | 19 | 19 | | 14 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 19 | 18 | 18 | 9 | 9 | 13 | 19 | 19 | 18 | 18 | 19 | 18 | 18 | | 393 | |
| MAX | .06 | .04 | | .03 | .03 | .04 | .06 | .06 | .06 | .05 | .05 | .05 | .07 | .10 | .07 | .06 | .07 | .07 | .07 | .05 | .06 | .06 | .08 | .09 | .042 | | .14 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

**Table 3-61. MAY, HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)**
**Potassium Iodide Analysis**

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO. OF HRS. | 5-MIN MAX. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | .02 | .03 | .02 | .03 | | .01 | .02 | .03 | .03 | .03 | .01 | .01 | .02 | .02 | .021 | 13 | .04 |
| 2 | .02 | .03 | | .02 | .02 | .02 | .03 | .03 | .02 | .02 | .01 | .01 | .00 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .014 | 23 | .04 |
| 3 | .01 | .01 | | .01 | .01 | .02 | .03 | .02 | .02 | .02 | .03 | .02 | .03 | .03 | | | .04 | .03 | .02 | .03 | .03 | .03 | .03 | .02 | .022 | 21 | .05 |
| 4 | .02 | .02 | | .02 | .02 | .04 | .04 | .03 | .03 | .04 | .03 | .03 | .04 | | | | | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .030 | 19 | .09 |
| 5 | .03 | .03 | | .02 | .01 | .02 | .03 | .02 | .01 | .02 | | | .04 | .04 | .06 | .03 | .03 | .03 | .03 | .04 | .04 | .04 | .04 | .04 | .031 | 21 | .08 |
| 6* | .03 | .03 | | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .04 | .05 | .06 | .04 | .03 | .04 | .03 | | | | | .05 | .035 | 19 | .07 |
| 7* | .04 | .03 | | .04 | .03 | .03 | .03 | .04 | .03 | .03 | .04 | .04 | .05 | .05 | .06 | .04 | .04 | .03 | .03 | .04 | .04 | .03 | .03 | .03 | .037 | 23 | .07 |
| 8 | .02 | .02 | | .02 | .01 | .02 | .03 | .02 | .02 | .02 | | | | .05 | .06 | .05 | .07 | .06 | .06 | .08 | .07 | .07 | .06 | .06 | .044 | 20 | .10 |
| 9 | .05 | .06 | | .02 | .02 | .04 | .04 | .04 | .04 | .05 | .04 | .05 | .06 | .07 | .07 | .06 | .04 | .03 | | | | | | | .045 | 17 | .10 |
| 10 | .05 | .05 | | | .04 | .06 | .06 | .07 | .05 | .06 | .06 | .08 | .10 | .09 | | | .06 | .06 | .07 | .08 | .09 | .08 | .11 | .09 | .070 | 20 | .12 |
| 11 | .09 | .07 | | .07 | .07 | .08 | .07 | .06 | .06 | .07 | .06 | .07 | .07 | | | | .05 | .05 | .04 | .04 | .04 | .03 | .04 | .03 | .058 | 20 | .11 |
| 12 | .03 | .03 | | .03 | .03 | .05 | .05 | .06 | .04 | .05 | | | | | | | .02 | .03 | .02 | .02 | .02 | .03 | .04 | .03 | .034 | 17 | .10 |
| 13* | .03 | .03 | | .02 | .02 | .02 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .06 | .06 | .07 | .06 | .06 | .06 | .05 | .05 | .05 | .06 | .05 | .041 | 23 | .09 |
| 14* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | .02 | | .03 | .04 | .04 | .05 | .05 | .05 | | | | .01 | .02 | | | .01 | .01 | .02 | .02 | .02 | .02 | .03 | .02 | .027 | 17 | .08 |
| 16 | .01 | .00 | | .01 | .01 | .01 | .02 | .01 | .01 | .01 | .01 | .01 | .04 | | .04 | .05 | .05 | .06 | .06 | .07 | .07 | .10 | .10 | .13 | .040 | 22 | .17 |
| 17 | .07 | .03 | | .03 | .03 | .03 | .03 | .04 | .03 | | | | | | | | .00 | .00 | .00 | .01 | .01 | .01 | .01 | .01 | .020 | 16 | .12 |
| 18 | .00 | .00 | | .00 | .00 | .00 | .00 | .00 | .01 | .01 | .01 | .01 | .01 | .01 | | | .02 | .03 | .03 | .03 | .02 | .03 | .05 | .03 | .014 | 21 | .06 |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20* | .02 | .03 | | .02 | .02 | .02 | .02 | .02 | .02 | .02 | | | | | | | | .04 | .04 | .04 | .03 | .03 | | | .026 | 14 | .05 |
| 21* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | | .02 | | .01 | .01 | .01 | .04 | .04 | | | | | .04 | .05 | .05 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .030 | 18 | .06 |
| 25 | .04 | .03 | | .02 | .01 | .01 | .03 | .02 | .02 | .02 | .03 | .04 | .05 | .06 | .06 | .06 | .05 | .05 | .05 | .04 | .04 | .03 | .03 | .03 | .035 | 23 | .07 |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | .04 | .04 | .05 | .06 | .05 | .05 | .05 | .05 | .04 | .04 | .04 | .04 | .03 | .03 | .044 | 14 | .08 |
| 30 | .03 | .01 | | | .04 | .04 | .05 | .05 | .05 | .06 | .06 | .06 | .06 | .07 | .08 | .07 | .08 | .07 | .08 | .07 | .07 | .07 | .07 | .06 | .058 | 22 | .09 |
| 31 | .05 | | | | | .04 | .05 | .04 | .04 | .04 | | .05 | | .07 | | | .05 | .07 | .04 | .06 | .05 | .05 | .05 | .05 | .051 | 16 | .08 |
| MEAN | .03 | .03 | | .02 | .02 | .03 | .03 | .03 | .03 | .03 | | .04 | .04 | .05 | | | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .036 | | |
| NO | 19 | 20 | | 18 | 20 | 21 | 21 | 21 | 20 | 18 | 15 | 16 | 18 | 17 | 12 | 13 | 21 | 23 | 22 | 21 | 21 | 21 | 20 | 21 | | 439 | |
| MAX | .09 | .07 | | .07 | .07 | .08 | .07 | .07 | .06 | .07 | .06 | .08 | .10 | .09 | .08 | .07 | .08 | .07 | .08 | .08 | .09 | .10 | .11 | .13 | .070 | | .17 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

**Table 3-62. JUNE, HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)**
**Potassium Iodide Analysis**

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO. OF HRS | 5-MIN. MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .04 | .04 | | .02 | .02 | .03 | .04 | .04 | | .04 | | .02 | | | .05 | .05 | .04 | .04 | .03 | .06 | .07 | .07 | .07 | .06 | .042 | 19 | .11 |
| 2 | .04 | .05 | | .03 | .03 | .05 | .06 | .05 | .05 | .04 | .05 | .06 | .07 | .11 | | | .11 | .11 | .09 | .07 | .08 | .10 | .12 | .11 | .071 | 21 | .15 |
| 3* | .09 | .08 | | .03 | .03 | .03 | .06 | .09 | .08 | .09 | .10 | .09 | .09 | .09 | | | .10 | .10 | .07 | .08 | .08 | .08 | .08 | .08 | .076 | 21 | .13 |
| 4* | .05 | .05 | | .01 | .01 | .02 | .02 | | | | | | | | | | .14 | .13 | .12 | .13 | .12 | .11 | .10 | .08 | .076 | 14 | .16 |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | .04 | .05 | | | .02 | .03 | .04 | .02 | .03 | .03 | .04 | .04 | .04 | .05 | | | .04 | .05 | .05 | .05 | .05 | .04 | .04 | .03 | .038 | 20 | .06 |
| 7 | | | | | | | .04 | .03 | .04 | .04 | .05 | .05 | .07 | .10 | | | .06 | .05 | .05 | .04 | .05 | .04 | | | .050 | 14 | .15 |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10* | | .02 | | .02 | .01 | .02 | .01 | .03 | .04 | .04 | .05 | .06 | .07 | .06 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .02 | .03 | .032 | 22 | .09 |
| 11* | .02 | .02 | | .02 | .02 | .02 | .02 | .04 | .04 | .05 | .05 | .05 | .07 | .07 | .05 | .05 | .05 | .05 | .05 | .04 | .04 | .03 | .03 | .03 | .039 | 23 | .09 |
| 12 | .03 | .03 | | .03 | .02 | .03 | .03 | .03 | | | | | | | | | .01 | .02 | .01 | .02 | .01 | .01 | .02 | .02 | .021 | 15 | .04 |
| 13 | .02 | .02 | | .01 | .01 | .01 | .03 | .02 | | | | | | | | | .08 | .08 | .08 | .07 | .05 | .06 | .06 | .04 | .043 | 15 | .10 |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | .06 | | .03 | .01 | .01 | .00 | .00 | .00 | | | | .05 | .06 | | | .06 | .07 | .07 | .05 | .05 | .05 | .06 | .05 | .040 | 17 | .08 |
| 16 | .04 | .04 | | .02 | .02 | .02 | .02 | .02 | .03 | | | | | | | | .04 | .04 | .04 | .03 | .03 | .02 | .02 | .02 | .027 | 16 | .06 |
| 17* | .02 | .02 | | .02 | .01 | .01 | .01 | .02 | .02 | .02 | .02 | .03 | .04 | .04 | .04 | .03 | .04 | .04 | .03 | .03 | .04 | .03 | .03 | .04 | .027 | 23 | .06 |
| 18* | .02 | .03 | | .02 | .02 | .02 | .03 | .03 | .03 | .04 | .04 | .05 | .05 | .05 | .04 | .05 | .05 | .04 | .04 | .04 | .04 | .04 | .04 | .03 | .037 | 23 | .07 |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | .05 | .06 | .06 | .05 | .05 | .05 | .04 | .04 | .03 | .04 | .04 | .04 | .04 | .045 | 13 | .08 |
| 21 | .05 | .04 | | .02 | .02 | .03 | .04 | .04 | .04 | .03 | .03 | .02 | .03 | .03 | .02 | .03 | .04 | .05 | .04 | .04 | .04 | .04 | .04 | .05 | .034 | 23 | .08 |
| 22 | .03 | .01 | | .01 | .02 | .03 | .03 | .04 | .04 | .04 | | | .07 | .06 | .05 | .05 | .05 | .04 | .03 | .02 | .03 | .02 | .03 | .04 | .035 | 21 | .08 |
| 23 | .03 | .02 | | .01 | .02 | .03 | .05 | .05 | .05 | | | | | .05 | .06 | .07 | .08 | .07 | .06 | .04 | .04 | .03 | .03 | .03 | .042 | 19 | .09 |
| 24* | .02 | .02 | | .03 | .03 | .03 | .03 | .04 | .04 | .04 | .05 | .04 | .04 | .04 | | | .04 | .03 | .03 | .03 | .03 | .04 | .04 | .04 | .034 | 21 | .07 |
| 25* | .03 | .02 | | | .02 | .03 | .04 | .05 | .06 | .07 | .07 | .07 | .08 | .08 | | | .10 | .09 | .08 | .09 | | | | | .060 | 16 | .12 |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | | .02 | | .02 | .02 | .03 | .04 | .03 | .03 | .05 | | | | .06 | | | .06 | .06 | .06 | .05 | .06 | .06 | .05 | .05 | .044 | 17 | .09 |
| 28 | .04 | | | | | | | | | | | | .08 | .08 | .07 | .08 | .07 | .07 | .07 | .07 | .06 | .07 | .07 | .06 | .068 | 13 | .10 |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | .02 | .02 | | .02 | .02 | .03 | .03 | .04 | .06 | .07 | .07 | .06 | .07 | .07 | .06 | .06 | .05 | .05 | .04 | .04 | .04 | .04 | .03 | .03 | .044 | 23 | .08 |
| MEAN | .03 | .03 | | .02 | .02 | .03 | .03 | .03 | .04 | | | | .06 | .06 | | | .06 | .06 | .05 | .05 | .05 | .05 | .05 | .04 | .044 | | |
| NO | 18 | 20 | | 18 | 20 | 20 | 21 | 20 | 17 | 15 | 12 | 14 | 16 | 18 | 11 | 11 | 23 | 23 | 23 | 23 | 22 | 22 | 21 | 21 | | 429 | |
| MAX | .09 | .08 | | .03 | .03 | .05 | .06 | .09 | .08 | .09 | .10 | .09 | .09 | .11 | .07 | .08 | .14 | .13 | .12 | .13 | .12 | .11 | .12 | .11 | .076 | | .16 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

**Table 3-63. JULY, HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)**
**Potassium Iodide Analysis**

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO. OF HRS | 5-MIN MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1* | .03 | .02 | | .01 | .01 | .01 | .02 | .04 | .04 | .05 | .05 | .06 | .07 | .07 | .06 | .05 | .04 | .03 | .02 | | | | | | .036 | 18 | .09 |
| 2* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | .02 | .02 | | .02 | .01 | | | | | | .04 | .04 | .06 | .06 | .04 | .05 | .07 | .07 | .06 | .05 | .06 | .05 | .04 | .04 | .045 | 18 | .08 |
| 7 | .03 | .03 | | .04 | .04 | .03 | .03 | .03 | .03 | .03 | .04 | .05 | | | | | .05 | .04 | .03 | .02 | .02 | .02 | .02 | .01 | .030 | 19 | .06 |
| 8* | .01 | | | | .00 | .00 | .01 | .01 | .02 | .04 | .05 | .07 | .05 | .05 | .03 | | | .02 | .03 | .01 | .01 | .01 | | | .024 | 17 | .11 |
| 9* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | | .01 | | .00 | .00 | .00 | .01 | .01 | .05 | .11 | | | | | .06 | .07 | .06 | .06 | .04 | .02 | .02 | .01 | .01 | .01 | .030 | 18 | .15 |
| 12 | .01 | .02 | | .01 | .01 | .02 | .03 | .04 | .03 | .03 | .04 | .05 | .05 | .04 | .04 | .05 | .05 | .04 | .04 | .04 | .04 | .03 | .02 | .03 | .034 | 23 | .07 |
| 13 | .01 | .01 | | .01 | .01 | .02 | .03 | .04 | .03 | .04 | .03 | .03 | .03 | .03 | | | .03 | .03 | .03 | .03 | .03 | .02 | .02 | .03 | .026 | 21 | .07 |
| 14 | .01 | .01 | | .01 | .01 | .04 | .04 | .04 | .03 | | | .04 | .04 | .04 | | | .03 | .00 | | .00 | .00 | .01 | .01 | .03 | .018 | 19 | .06 |
| 15* | .01 | .02 | | .01 | .01 | .02 | .02 | .01 | .02 | .03 | .03 | .04 | .04 | .04 | | | .04 | .03 | | | .02 | .02 | .01 | .02 | .024 | 21 | .06 |
| 16* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | .01 | .03 | .03 | .03 | .04 | .04 | .05 | .07 | .07 | .08 | | .07 | .07 | | | | | .01 | .02 | .02 | .041 | 19 | .09 |
| 18 | .02 | .01 | | .01 | .01 | .01 | .01 | .02 | .02 | .03 | .03 | .04 | .03 | .03 | | | .04 | | | | | .02 | .02 | .01 | .020 | 21 | .05 |
| 19 | .02 | .02 | | .03 | .03 | .02 | .02 | .02 | .04 | .04 | .04 | .05 | .05 | .05 | | | .05 | | | .03 | .03 | .02 | .02 | .02 | .032 | 21 | .07 |
| 20 | .02 | .02 | | .02 | .03 | .02 | .02 | .02 | .03 | .04 | | | | .05 | | | .05 | .03 | .03 | .03 | .03 | .03 | .02 | .02 | .028 | 18 | .08 |
| 21 | .01 | .01 | | .03 | .01 | .02 | .04 | .03 | .04 | .04 | .05 | .08 | .11 | .14 | .12 | .11 | .10 | .07 | .06 | .04 | .04 | .02 | .02 | .02 | .052 | 23 | .17 |
| 22* | .01 | .01 | | .01 | .00 | .00 | .01 | .02 | .04 | .05 | .07 | .10 | .09 | .10 | .08 | .10 | .10 | .09 | .08 | .06 | .06 | .05 | .05 | .05 | .053 | 23 | .13 |
| 23* | .03 | .03 | | .02 | .01 | .02 | .05 | .02 | .03 | .04 | .04 | .04 | .03 | .05 | .04 | .06 | .06 | .06 | .06 | .05 | .03 | .03 | .03 | .03 | .036 | 23 | .07 |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | .01 | .01 | | .00 | .00 | .00 | .01 | .02 | .02 | .02 | .02 | .02 | .03 | .02 | | .02 | .02 | .02 | .01 | .01 | .01 | .01 | .01 | .02 | .015 | 22 | .05 |
| 27 | .01 | .01 | | .02 | .01 | .02 | .01 | .02 | .02 | .03 | .04 | .05 | .05 | | | | .04 | .03 | .02 | .02 | .01 | .02 | .01 | .01 | .021 | 20 | .06 |
| 28 | .01 | .01 | | .01 | .01 | .02 | .02 | .02 | .02 | .03 | | | .04 | .03 | .03 | .04 | .04 | .04 | .04 | .04 | .03 | .04 | .03 | .04 | .026 | 21 | .07 |
| 29* | .05 | .04 | | .03 | .03 | .04 | .04 | .05 | .06 | .04 | .06 | .06 | .06 | .06 | .04 | .05 | .05 | .04 | .04 | .04 | .02 | .02 | .02 | .02 | .042 | 23 | .07 |
| 30* | .01 | .02 | | .01 | .01 | .01 | .02 | .03 | .04 | .04 | .03 | .03 | .05 | .05 | .05 | .06 | .07 | .05 | .05 | .04 | .04 | .03 | .05 | .05 | .035 | 23 | .09 |
| 31 | .06 | .05 | | .01 | .02 | .02 | | | | | .05 | .06 | .05 | | | | .04 | .03 | .03 | .04 | .02 | .02 | .02 | .03 | .034 | 16 | .08 |
| MEAN | .02 | .02 | | .02 | .01 | .02 | .02 | .02 | .03 | .04 | .04 | .05 | .05 | .06 | | | .05 | .04 | .04 | .03 | .03 | .02 | .02 | .02 | .032 | | |
| NO | 20 | 20 | | 20 | 22 | 21 | 20 | 20 | 20 | 19 | 18 | 19 | 19 | 18 | 11 | 12 | 21 | 22 | 22 | 21 | 21 | 21 | 20 | 20 | | 447 | |
| MAX | .06 | .05 | | .04 | .04 | .04 | .05 | .05 | .06 | .11 | .07 | .10 | .11 | .14 | .12 | .11 | .10 | .09 | .08 | .06 | .06 | .05 | .05 | .05 | .053 | | .17 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

**Table 3-64. AUGUST, HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)**
**Potassium Iodide Analysis**

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO. OF HRS. | 5-MIN. MAX. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .04 | .06 | | .05 | .04 | .02 | .02 | .03 | .03 | .04 | .05 | .07 | .07 | .07 | | | .07 | .07 | .06 | .06 | .06 | .03 | .02 | .01 | .045 | 21 | .09 |
| 2 | .01 | .03 | | .03 | .03 | .02 | .02 | .02 | .03 | .04 | .06 | .07 | | .07 | .09 | .11 | .09 | .11 | .06 | .04 | .06 | .05 | .06 | .07 | .052 | 22 | .14 |
| 3 | .09 | .08 | | .04 | .03 | .01 | .00 | .01 | .02 | .02 | .02 | .05 | .05 | .05 | .04 | .06 | .04 | .05 | .05 | .03 | .02 | .02 | .02 | .02 | .037 | 23 | .11 |
| 4 | .01 | .01 | | .02 | .02 | .02 | .02 | .02 | .03 | .03 | | | .04 | .04 | | | .03 | .03 | .04 | .03 | .02 | .02 | .02 | .01 | .023 | 19 | .06 |
| 5* | .02 | .02 | | .01 | .01 | .01 | .02 | .02 | .02 | .03 | .03 | .03 | .04 | .05 | | | .04 | .05 | .04 | .04 | .02 | .02 | .02 | .02 | .026 | 21 | .07 |
| 6* | .02 | .02 | | .01 | .01 | .01 | .02 | .03 | .04 | .04 | .04 | .03 | .04 | .04 | .03 | .03 | .02 | .02 | .02 | .02 | .02 | .02 | .03 | .04 | .026 | 23 | .06 |
| 7 | .03 | .03 | | .02 | .02 | .01 | .01 | .02 | .02 | .03 | | | .02 | | | | .02 | .02 | .02 | .01 | .01 | .01 | .01 | .01 | .018 | 18 | .05 |
| 8 | .02 | .03 | | .02 | .03 | .02 | .01 | .01 | .01 | .03 | .02 | .03 | .04 | .03 | .02 | .03 | .02 | .01 | .01 | .01 | .01 | .00 | .00 | .01 | .018 | 23 | .05 |
| 9 | .02 | .01 | | .01 | .01 | .01 | .01 | .02 | .02 | .03 | .03 | .03 | .03 | .04 | | | .03 | .02 | .02 | .02 | .02 | .01 | .01 | .01 | .019 | 21 | .05 |
| 10 | .01 | .01 | | .01 | .01 | .01 | .02 | .02 | .02 | .03 | | | | .03 | | | .04 | .02 | .02 | .03 | .02 | .02 | .02 | .02 | .019 | 18 | .05 |
| 11 | .02 | .02 | | .03 | .02 | .03 | .03 | .04 | .03 | .03 | .04 | .03 | .03 | .04 | .03 | .04 | .04 | .03 | .03 | .03 | .04 | .03 | .03 | .04 | .031 | 23 | .07 |
| 12* | .03 | .06 | | .03 | .04 | .05 | .05 | .04 | .03 | .03 | .04 | .04 | .04 | .04 | | | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .038 | 21 | .09 |
| 13* | .06 | .07 | | .04 | .03 | .04 | .04 | .04 | .04 | .05 | .05 | .06 | .06 | .06 | .05 | .04 | .05 | .05 | .04 | .05 | .03 | .04 | .04 | .04 | .045 | 23 | .09 |
| 14 | .03 | .03 | | .03 | .03 | .04 | .05 | .05 | .05 | .05 | | | | | | | .04 | .05 | .04 | .04 | .04 | .04 | .04 | .03 | .039 | 17 | .07 |
| 15 | .02 | .03 | | .02 | .02 | .02 | .03 | .03 | .02 | .02 | .02 | | | | | | .05 | .05 | .04 | .04 | .03 | .03 | .02 | .02 | .028 | 18 | .06 |
| 16 | .03 | .03 | | .03 | .02 | .03 | .03 | .04 | .05 | .06 | .06 | .07 | .06 | .05 | .04 | .05 | .05 | .05 | .04 | .03 | .03 | .02 | .02 | .03 | .039 | 23 | .07 |
| 17 | .03 | .03 | | .02 | .02 | .01 | .01 | .01 | .02 | .03 | .04 | .05 | .05 | .05 | .04 | .06 | .05 | .04 | .03 | .03 | .03 | .03 | .02 | .02 | .032 | 23 | .06 |
| 18 | .02 | .02 | | .01 | .01 | .01 | .01 | .02 | .03 | | | .05 | | | .04 | .05 | .04 | .03 | .03 | .02 | .02 | .02 | .01 | .02 | .023 | 19 | .09 |
| 19* | .02 | .03 | | .01 | .01 | .02 | .01 | .02 | .02 | .02 | .03 | .02 | .02 | .02 | .02 | .03 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .020 | 23 | .04 |
| 20* | .02 | .02 | | .01 | .02 | .02 | .02 | .02 | .03 | .03 | .04 | .04 | .05 | .05 | .04 | .04 | .04 | .04 | .03 | .02 | .02 | .03 | .03 | .03 | .029 | 23 | .06 |
| 21 | .01 | .02 | | .02 | .02 | .04 | .04 | .03 | .03 | .03 | .04 | .05 | .05 | .05 | .04 | .05 | .05 | .03 | .02 | .02 | .02 | .03 | .03 | .02 | .032 | 23 | .07 |
| 22 | .02 | .02 | | .02 | .02 | .03 | .04 | .04 | .03 | .03 | .03 | .03 | .04 | .04 | .03 | .04 | .05 | .04 | .04 | .03 | .04 | .04 | .05 | .03 | .033 | 23 | .08 |
| 23 | .03 | .03 | | .02 | .02 | .03 | .05 | .03 | .03 | .03 | .04 | .05 | .05 | .05 | .04 | .05 | .05 | .04 | .04 | .03 | .04 | .03 | .04 | .04 | .036 | 23 | .09 |
| 24 | .04 | .04 | | .03 | .03 | .04 | .04 | .03 | .03 | .04 | .04 | .05 | .05 | .05 | .05 | .05 | .04 | .04 | .04 | .04 | .04 | .03 | .03 | .03 | .038 | 23 | .06 |
| 25 | .03 | .03 | | .05 | .03 | .02 | .01 | .02 | .03 | | | | | .07 | .06 | .07 | .04 | .06 | .05 | .05 | .04 | .03 | .02 | .03 | .040 | 19 | .09 |
| 26* | .04 | .03 | | .01 | .01 | .01 | .01 | .01 | .02 | .04 | .05 | .07 | .07 | .06 | .05 | .05 | .04 | .03 | .03 | .03 | .03 | .02 | .03 | .03 | .032 | 23 | .08 |
| 27* | .03 | .02 | | .02 | .02 | .02 | .02 | .02 | .02 | .03 | .02 | .03 | .03 | .04 | .02 | .03 | .03 | .03 | .03 | .04 | .03 | .03 | .03 | .03 | .027 | 23 | .06 |
| 28 | .02 | .02 | | .02 | .02 | .04 | .10 | .09 | .07 | .07 | .07 | .06 | .05 | .05 | .04 | .06 | .06 | .05 | .05 | .05 | .04 | .04 | .05 | .04 | .050 | 23 | .13 |
| 29 | .02 | .02 | | .02 | .02 | .03 | .04 | .05 | .05 | | .04 | .03 | .04 | .05 | .04 | .04 | .03 | .04 | .04 | .03 | .03 | .02 | .02 | .02 | .032 | 22 | .07 |
| 30 | .02 | .02 | | .02 | .01 | .02 | .02 | .01 | .02 | .02 | .03 | .03 | .03 | .03 | .04 | .03 | .03 | .02 | .02 | .03 | .03 | .02 | .02 | .03 | .024 | 23 | .06 |
| 31 | .03 | .02 | | .03 | .03 | .03 | .04 | .04 | .03 | | | | .03 | .03 | .03 | .04 | .03 | .03 | .03 | .04 | .04 | .03 | .03 | .03 | .032 | 20 | .08 |
| MEAN | .03 | .03 | | .02 | .02 | .02 | .03 | .03 | .03 | .03 | .04 | .04 | .04 | .05 | .04 | .05 | .04 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .032 | | |
| NO | 31 | 31 | | 31 | 31 | 31 | 31 | 31 | 31 | 27 | 24 | 24 | 25 | 27 | 22 | 22 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | 667 | |
| MAX | .09 | .08 | | .08 | .04 | .05 | .10 | .09 | .07 | .07 | .07 | .07 | .07 | .07 | .09 | .11 | .09 | .11 | .06 | .06 | .06 | .05 | .06 | .07 | .052 | | .14 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

**Table 3-65. SEPTEMBER, HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)**
**Potassium Iodide Analysis**

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO. OF HRS | 5 MIN. MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .02 | .03 | | .03 | .04 | .07 | .04 | .03 | .03 | .02 | .02 | .03 | .04 | .04 | | | .03 | .03 | .04 | .03 | .03 | .05 | .05 | .03 | .035 | 21 | .11 |
| 2* | .03 | .02 | | .03 | .02 | .02 | .03 | .03 | .03 | .04 | .04 | .04 | .04 | .05 | | | .05 | .05 | .05 | .05 | .04 | .06 | .05 | .05 | .039 | 21 | .10 |
| 3* | .04 | .04 | | .04 | .03 | .03 | .03 | .04 | .04 | .04 | .04 | .05 | .04 | .04 | .04 | .04 | .05 | .04 | .05 | .05 | .05 | .05 | .05 | .05 | .042 | 23 | .07 |
| 4 | .05 | .05 | | .05 | .03 | .03 | .04 | .04 | .04 | .05 | .06 | .06 | .06 | .06 | .04 | .05 | .08 | .06 | .06 | .05 | .05 | .05 | .05 | .05 | .049 | 23 | .07 |
| 5 | .05 | .05 | | .04 | .03 | .05 | .05 | .05 | .03 | .03 | .03 | .03 | .03 | .03 | | .05 | .04 | .04 | .04 | .05 | .05 | .05 | .04 | .05 | .042 | 22 | .08 |
| 6 | .04 | .04 | | .09 | .09 | .11 | .11 | .05 | .04 | .04 | .07 | .08 | .08 | .08 | | | .07 | .06 | .05 | .05 | .05 | .05 | .04 | .04 | .063 | 21 | .14 |
| 7 | .04 | .07 | | .06 | .04 | .03 | .04 | .04 | .06 | .08 | | | | .07 | | | .06 | .06 | .05 | .04 | .04 | .04 | .04 | .06 | .050 | 18 | .09 |
| 8 | .07 | .04 | | .01 | .02 | .01 | .02 | .03 | .06 | .09 | .10 | .11 | .14 | .11 | | | .06 | .06 | .05 | .03 | .03 | .04 | .03 | .03 | .055 | 21 | .18 |
| 9* | .02 | .02 | | .01 | .01 | .01 | .01 | .01 | .02 | .01 | .01 | .02 | .02 | .03 | | | .03 | .03 | .02 | .02 | .02 | .02 | .03 | .02 | .019 | 21 | .05 |
| 10* | .02 | .02 | | .03 | .02 | .02 | .02 | .03 | .03 | .03 | .03 | .03 | .03 | .04 | | | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .028 | 21 | .06 |
| 11 | .03 | .03 | | .03 | .03 | .03 | .03 | .03 | .04 | .03 | .04 | .05 | .06 | .06 | | | .04 | .04 | .03 | .03 | .04 | .02 | .03 | .03 | .036 | 21 | .08 |
| 12 | .04 | .03 | | .01 | .01 | .02 | .04 | .03 | | | | | | | | | .09 | .08 | .06 | .04 | .04 | .03 | .01 | .02 | .035 | 15 | .09 |
| 13 | .02 | .02 | | .01 | .01 | .01 | .02 | .02 | | | | | | | | | .02 | .03 | .03 | .02 | .02 | .02 | .02 | .01 | .018 | 15 | .04 |
| 14 | .01 | .02 | | .01 | .02 | .02 | .02 | .02 | .02 | .03 | .04 | .03 | .04 | .05 | | | .05 | .03 | .02 | .01 | .01 | .03 | .02 | .02 | .025 | 21 | .06 |
| 15 | .02 | .01 | | .02 | .02 | .02 | .02 | .03 | .03 | | | | .05 | .05 | .04 | .04 | .04 | .03 | .03 | .03 | .02 | .02 | .02 | .02 | .028 | 20 | .06 |
| 16* | .01 | .01 | | .01 | .01 | .01 | .01 | .02 | .02 | .04 | .05 | .06 | .05 | .06 | | | .06 | .05 | .04 | .05 | .05 | .04 | .04 | .04 | .034 | 21 | .08 |
| 17* | .03 | .02 | | .03 | .07 | .07 | .06 | .05 | .06 | .04 | .07 | .07 | .07 | .06 | | .06 | .06 | .05 | .05 | .05 | .05 | .04 | .04 | .04 | .052 | 22 | .09 |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | .01 | .01 | | .01 | .01 | .01 | .02 | .03 | .03 | .03 | .03 | .04 | .05 | .05 | .04 | .05 | .04 | .03 | .03 | .03 | .02 | .02 | .02 | .01 | .027 | 23 | .08 |
| 21 | .02 | .02 | | .01 | .01 | .02 | .01 | .01 | .01 | | | | .02 | .03 | | | .03 | .04 | .03 | .02 | .02 | .03 | .02 | .01 | .020 | 18 | .05 |
| 22 | .02 | .02 | | .01 | .01 | .02 | .03 | .03 | .02 | .02 | .02 | .03 | .02 | .03 | | | .03 | .03 | .02 | .02 | .02 | .02 | .02 | .01 | .022 | 21 | .06 |
| 23* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | | | | | | .02 | .03 | .03 | .03 | .03 | .03 | .03 | .02 | .03 | .02 | .03 | .02 | .02 | .01 | .01 | .02 | .01 | .01 | .02 | .023 | 19 | .06 |
| 28 | .02 | | | | | .03 | .02 | .03 | .02 | .02 | .03 | .03 | | | | .03 | .04 | .02 | .03 | .02 | .02 | .03 | .02 | .01 | .024 | 17 | .07 |
| 29 | .01 | .01 | | .01 | .01 | .03 | .03 | .03 | .03 | .02 | .02 | .03 | | | | | .02 | .01 | .02 | .02 | .03 | .02 | .02 | .02 | .019 | 19 | .05 |
| 30* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MEAN | .03 | .03 | | .03 | .03 | .03 | .03 | .03 | .03 | .04 | .04 | .04 | .05 | .05 | | | .04 | .04 | .04 | .03 | .03 | .03 | .03 | .03 | .035 | | |
| NO. | 22 | 21 | | 21 | 21 | 23 | 23 | 23 | 21 | 19 | 18 | 19 | 18 | 13 | 5 | 8 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | | 464 | |
| MAX | .07 | .07 | | .03 | .09 | .11 | .11 | .05 | .06 | .09 | .10 | .11 | .14 | .11 | .04 | .06 | .09 | .08 | .06 | .05 | .05 | .06 | .05 | .06 | .063 | | .18 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

**Table 3-66. OCTOBER, HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)**
**Potassium Iodide Analysis**

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO. OF HRS. | 5-MIN. MAX. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | .01 | .00 | | .00 | .00 | .00 | .00 | .01 | .00 | .01 | .02 | | | | | .05 | .05 | .04 | .03 | .02 | .01 | .00 | .01 | .01 | .013 | 19 | .06 |
| 5 | .01 | .01 | | .01 | .01 | .00 | .00 | .00 | | | | | | .05 | | | .02 | .02 | .02 | .01 | .01 | .03 | .03 | .03 | .017 | 16 | .05 |
| 6 | .03 | .03 | | .02 | .03 | .03 | .04 | .02 | .02 | .01 | | | | .07 | | | .06 | .04 | .03 | .03 | .02 | .02 | .02 | .02 | .031 | 18 | .08 |
| 7* | .02 | .02 | | .02 | .01 | .01 | .01 | .01 | .01 | .01 | .02 | .02 | .03 | .03 | | | .02 | .02 | .02 | .02 | .01 | .01 | .01 | .02 | .017 | 21 | .04 |
| 8* | .02 | .01 | | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .02 | .02 | | | .02 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .012 | 21 | .04 |
| 9 | .01 | .01 | | .01 | .01 | .01 | .02 | .03 | .02 | | | | .00 | .00 | | | .02 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .012 | 18 | .05 |
| 10 | .01 | .01 | | .00 | .00 | .01 | .02 | .02 | .02 | .02 | .03 | .03 | .03 | .03 | | | .03 | .02 | .01 | .01 | .02 | .01 | .01 | .01 | .017 | 21 | .05 |
| 11 | .01 | .01 | | .00 | .00 | .01 | .02 | .02 | .02 | .01 | .02 | .02 | | | | | .01 | .01 | .01 | .01 | .01 | .01 | .02 | .03 | .012 | 19 | .06 |
| 12 | .02 | .02 | | .01 | .01 | .03 | .04 | .03 | .03 | .03 | .05 | .05 | .05 | .05 | | | .04 | .03 | .02 | .02 | .02 | .02 | .02 | .02 | .029 | 21 | .07 |
| 13 | .02 | .02 | | .02 | .01 | .02 | .02 | .03 | .03 | | | | .02 | | | | .03 | .03 | .02 | .03 | .03 | .03 | .03 | .02 | .022 | 17 | .04 |
| 14* | .03 | .02 | | .01 | .00 | .01 | .02 | .03 | .03 | .04 | .05 | .05 | .05 | .06 | | | .05 | .04 | .03 | .02 | .01 | .01 | .01 | .01 | .027 | 21 | .07 |
| 15* | .02 | .01 | | .01 | .00 | .01 | .01 | .01 | .01 | .02 | .02 | .02 | .03 | .02 | | | .03 | .03 | .04 | .02 | .02 | .02 | .02 | .01 | .017 | 21 | .06 |
| 16 | .01 | .01 | | .00 | .00 | .01 | .02 | .03 | .03 | .03 | | | | | | | .01 | .00 | .01 | .02 | .03 | .02 | .02 | .02 | .016 | 17 | .07 |
| 17 | .02 | .02 | | .01 | .01 | .03 | .04 | .04 | .03 | .03 | .03 | .04 | .04 | .03 | | | .06 | .03 | .04 | .04 | .05 | .03 | .03 | .03 | .031 | 21 | .08 |
| 18 | .02 | .02 | | .01 | .01 | .04 | .05 | .05 | .04 | .04 | .04 | .04 | .03 | .04 | | | .05 | .05 | .03 | .03 | .03 | .04 | .03 | .02 | .033 | 21 | .09 |
| 19 | .02 | .02 | | .02 | .02 | .04 | .05 | .05 | .04 | .04 | .03 | .05 | .04 | .05 | | | .05 | .05 | .04 | .05 | .08 | .08 | .06 | .04 | .042 | 21 | .13 |
| 20 | .03 | .02 | | .02 | .02 | .03 | .04 | .04 | .04 | .04 | .04 | | | | | .03 | .02 | .02 | .02 | .01 | .02 | .02 | .01 | .01 | .024 | 19 | .07 |
| 21* | .01 | .01 | | .01 | .01 | .01 | .01 | .02 | .02 | .03 | .03 | .04 | .04 | .04 | | | .03 | .03 | .05 | .03 | .05 | .07 | .07 | .07 | .032 | 21 | .11 |
| 22* | .07 | .03 | | .01 | .01 | .01 | .01 | .01 | .03 | .03 | .03 | .04 | .04 | .04 | .04 | .04 | .04 | .03 | .03 | .03 | .03 | .04 | .03 | .02 | .028 | 23 | .13 |
| 23 | .02 | .02 | | .02 | .01 | .03 | .04 | .04 | .04 | .05 | .05 | | | | .04 | .05 | .05 | .04 | .04 | .04 | .04 | .04 | .03 | .04 | .037 | 20 | .06 |
| 24 | .04 | .04 | | .04 | .03 | .02 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .03 | .03 | .02 | .02 | .02 | .02 | .02 | .02 | .032 | 23 | .07 |
| 25 | .01 | .01 | | .01 | .01 | .02 | .03 | .03 | .03 | .03 | .02 | .02 | .02 | | | .04 | .03 | .03 | .02 | .03 | .02 | .03 | .02 | .02 | .022 | 21 | .06 |
| 26 | .01 | .01 | | .01 | .01 | .02 | .02 | .04 | .03 | .02 | .02 | .02 | .03 | | | | .04 | .03 | .03 | .04 | .04 | .06 | .05 | .04 | .028 | 20 | .09 |
| 27 | .02 | .02 | | .01 | .02 | .03 | .04 | .05 | | | | | | | | .03 | .03 | .02 | .03 | .02 | .03 | .03 | .03 | .03 | .028 | 16 | .08 |
| 28* | .02 | | | .02 | .02 | .03 | .03 | .03 | .05 | .02 | .03 | .03 | .03 | | | .02 | .03 | .04 | .04 | .04 | .02 | .02 | .03 | .02 | .028 | 20 | .08 |
| 29* | .03 | .02 | | .01 | .01 | .01 | .02 | .02 | .02 | .02 | .02 | .02 | .03 | | | .05 | .03 | .04 | .03 | .03 | .03 | .03 | .03 | .02 | .024 | 21 | .06 |
| 30 | .02 | .02 | | .02 | .03 | .04 | .04 | .06 | .07 | .07 | .06 | .04 | .05 | | | .07 | .07 | .07 | .10 | .10 | .10 | .09 | .05 | .04 | .057 | 21 | .14 |
| 31 | .03 | .03 | | .03 | .03 | .02 | .05 | .07 | .07 | .06 | .04 | .05 | .05 | | | .05 | .05 | .07 | .05 | .06 | .05 | .07 | .05 | .05 | .048 | 21 | .12 |
| MEAN | .02 | .02 | | .01 | .01 | .02 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | | | | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .02 | .027 | | |
| NO | 28 | 27 | | 28 | 28 | 28 | 28 | 28 | 26 | 24 | 22 | 19 | 20 | 15 | 3 | 11 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | | 559 | |
| MAX | .07 | .04 | | .04 | .03 | .04 | .05 | .07 | .07 | .07 | .06 | .05 | .05 | .07 | .04 | .07 | .07 | .07 | .10 | .10 | .10 | .09 | .07 | .07 | .057 | | .14 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

## Table 3-67. NOVEMBER, HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)
### Potassium Iodide Analysis

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO. OF HRS | 5-MIN MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .04 | .03 | | .03 | .03 | .04 | .07 | .06 | .08 | .06 | .07 | .04 | .03 | .03 | | | .05 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .041 | 21 | .12 |
| 2 | .03 | .02 | | .02 | .02 | .03 | .03 | .04 | .06 | .06 | .05 | .05 | .06 | .06 | | | .05 | .05 | .04 | .03 | .04 | .03 | .04 | .04 | .040 | 21 | .10 |
| 3 | .03 | .03 | | .02 | .02 | .03 | .06 | .08 | .07 | .07 | | | | | | | | .04 | .04 | .03 | .03 | .03 | .03 | .02 | .039 | 16 | .12 |
| 4* | .02 | .02 | | | | | | .02 | .02 | .02 | .03 | .02 | .03 | .02 | | | .02 | .02 | .02 | .02 | .02 | .01 | .01 | .02 | .020 | 17 | .03 |
| 5* | .02 | .02 | | | | | | .02 | .02 | .02 | .02 | .02 | .02 | .02 | | | .02 | .01 | .01 | .01 | .01 | .01 | .02 | .01 | .016 | 17 | .03 |
| 6 | .00 | .02 | | .00 | .01 | .01 | .00 | .01 | .01 | .01 | | | .01 | .01 | | | .01 | .01 | .01 | .03 | .03 | .03 | .04 | .04 | .014 | 19 | .07 |
| 7 | .02 | .02 | | .02 | .02 | .02 | .02 | .04 | .03 | .01 | .01 | .01 | .02 | .04 | | | .04 | .04 | .04 | .03 | .03 | .03 | .04 | .05 | .028 | 21 | .08 |
| 8 | .05 | .04 | | .03 | .02 | .02 | .03 | .02 | .02 | .02 | .02 | .03 | .02 | .03 | | | .03 | .02 | .01 | .01 | .01 | .02 | .02 | .02 | .023 | 21 | .07 |
| 9 | .03 | .02 | | .02 | .02 | .02 | .03 | .04 | .05 | .04 | | | | | | | .08 | .06 | .07 | .06 | .06 | .05 | .06 | .07 | .045 | 17 | .12 |
| 10 | .04 | .04 | | .04 | .04 | .03 | .05 | .12 | .09 | .05 | .07 | .05 | .04 | .04 | | | .06 | .05 | .04 | .04 | .03 | .04 | .02 | .02 | .048 | 21 | .17 |
| 11* | .02 | .03 | | .02 | .02 | .02 | .03 | .03 | .04 | .03 | .03 | .03 | .02 | .02 | | | .03 | .02 | .03 | .03 | .02 | .02 | .02 | .02 | .024 | 21 | .06 |
| 12* | .02 | .02 | | .02 | .01 | .02 | .02 | .02 | .02 | .02 | .03 | .03 | .02 | .03 | | | .03 | .02 | .03 | .03 | .03 | .03 | .03 | .03 | .024 | 21 | .06 |
| 13 | | | | | | | | | | .02 | .02 | .02 | .03 | .03 | | | .04 | .04 | .04 | .02 | .02 | .02 | .02 | .02 | .026 | 13 | .07 |
| 14 | | | | | | | | | | | | | | .04 | | | .03 | .02 | .07 | .02 | .02 | .02 | .01 | .01 | .013 | 17 | .05 |
| 15 | .02 | .02 | | .00 | .00 | .00 | .00 | .01 | .00 | | | | | | | | | | | | | | | | | | |
| 16 | .01 | .01 | | .01 | .01 | .01 | .01 | .01 | .01 | .00 | .00 | .00 | .01 | .01 | | | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .016 | 21 | .06 |
| 17 | .04 | .03 | | .02 | .02 | .02 | .03 | .04 | .05 | .04 | | | | | | | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .02 | .031 | 17 | .06 |
| 18* | .03 | .02 | | .01 | .01 | .01 | .01 | .02 | .02 | .02 | .02 | .02 | .02 | | | | | | | | .02 | | | | .017 | 13 | .03 |
| 19* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | .01 | .02 | | .02 | .01 | .02 | .03 | .04 | .04 | .03 | .03 | .02 | .04 | .05 | | | .05 | .05 | .04 | .03 | .03 | .03 | .03 | .02 | .029 | 21 | .09 |
| 22 | .02 | | | | | | .03 | .03 | .04 | .03 | .03 | .03 | .02 | .03 | | | .03 | .03 | .02 | .02 | .02 | .01 | .01 | .01 | .023 | 17 | .04 |
| 23 | .01 | | | | | | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | | | .00 | .00 | .01 | .00 | .01 | .00 | .00 | .00 | .002 | 17 | .02 |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25* | .02 | .01 | | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .03 | .03 | | | .03 | .0. | .03 | .02 | .02 | .03 | .03 | .02 | .017 | 21 | .04 |
| 26* | .02 | .02 | | .01 | .01 | .00 | .00 | .00 | .00 | .01 | .01 | .00 | .01 | .01 | .03 | .03 | .02 | .02 | .02 | .02 | .01 | .01 | .01 | .01 | .012 | 23 | .06 |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | .00 | .00 | | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | | | | | | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .000 | 18 | .00 |
| 29 | .00 | .00 | | .00 | .00 | .00 | .01 | .01 | .00 | .00 | .00 | | | | | | .00 | .00 | .00 | .00 | .00 | .01 | .01 | .01 | .003 | 18 | .03 |
| 30 | .01 | .01 | | .01 | .01 | .01 | .02 | .04 | .05 | | | | | | | .03 | .03 | .03 | .04 | .03 | .02 | .01 | .01 | .02 | .021 | 17 | .08 |
| MEAN | .02 | .02 | | .02 | .01 | .02 | .02 | .03 | .03 | .02 | .02 | .02 | .02 | .03 | | | .03 | .03 | .03 | .02 | .02 | .02 | .02 | .02 | .023 | | |
| NO. | 24 | 22 | | 20 | 20 | 20 | 22 | 24 | 24 | 23 | 19 | 17 | 18 | 18 | 1 | 2 | 23 | 24 | 24 | 24 | 25 | 24 | 24 | 24 | | 466 | |
| MAX | .05 | .04 | | .04 | .04 | .04 | .07 | .12 | .09 | .07 | .07 | .05 | .06 | .06 | .03 | .03 | .08 | .06 | .07 | .06 | .06 | .05 | .06 | .07 | .048 | | .17 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

**Table 3-68. DECEMBER, HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)**
**Potassium Iodide Analysis**

| DAY OF MONTH | A.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | P.M. 12-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | DAILY MEAN | NO. OF HRS. | 5-MIN. MAX. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .00 | .01 | | .00 | .00 | .01 | .01 | .01 | .02 | .01 | .01 | | | | | | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .008 | 18 | .03 |
| 2* | .01 | .01 | | .01 | .01 | .01 | .01 | .02 | .03 | .04 | .04 | .03 | .04 | .04 | | | .03 | .03 | .02 | .02 | .02 | .02 | .02 | .03 | .022 | 21 | .07 |
| 3* | .02 | .01 | | .00 | .00 | .01 | .01 | .01 | .02 | .01 | .02 | .01 | .02 | .02 | | | .01 | .01 | .01 | .01 | .01 | .01 | .00 | .01 | .011 | 21 | .04 |
| 4 | .00 | .00 | | .01 | .00 | .00 | .01 | .01 | .02 | | | | | | | | .03 | .02 | .03 | .01 | .02 | .01 | .02 | .01 | .013 | 16 | .06 |
| 5 | .01 | .01 | | .01 | .01 | .02 | .02 | .02 | .03 | .03 | .04 | .04 | .03 | .04 | | | .04 | .04 | .03 | .03 | .03 | .03 | .03 | .02 | .026 | 21 | .06 |
| 6 | | | | | | | .05 | .04 | .05 | .04 | .04 | .05 | .04 | .04 | | | .05 | .07 | .07 | .04 | .03 | .04 | .03 | .05 | .044 | 16 | .12 |
| 7 | .03 | .03 | | .01 | .02 | .01 | .02 | .01 | .01 | .01 | | | .02 | .03 | | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .02 | .022 | 20 | .07 |
| 8 | .01 | .02 | | .02 | .01 | .01 | .03 | .04 | .04 | .03 | | | | | | | .04 | .03 | .04 | .03 | .03 | .03 | .03 | .03 | .026 | 17 | .09 |
| 9* | .03 | .02 | | .02 | .02 | .02 | .02 | .03 | .04 | .04 | .04 | .04 | .05 | .04 | | | .04 | .04 | .04 | .03 | .03 | .03 | .03 | .03 | .032 | 21 | .08 |
| 10* | .03 | .03 | | .01 | .02 | .02 | .02 | .02 | .04 | .01 | .02 | .03 | .03 | .03 | | | .06 | .04 | .04 | .04 | .03 | .03 | .03 | .03 | .027 | 21 | .09 |
| 11 | .02 | .02 | | .02 | .02 | .02 | .03 | .03 | .04 | .03 | .04 | | | | | | .05 | .04 | .04 | .03 | .04 | .03 | .03 | .03 | .030 | 18 | .07 |
| 12 | .02 | .02 | | .01 | .01 | .01 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | | | .03 | .03 | .02 | .02 | .02 | .01 | .01 | .01 | .017 | 21 | .04 |
| 13 | .00 | .01 | | .00 | .00 | .00 | .01 | .01 | .02 | .01 | .01 | .01 | .01 | .01 | | | .01 | .01 | .01 | .01 | .01 | .02 | .00 | .00 | .008 | 21 | .03 |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31* | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MEAN | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NO. | 12 | 12 | | 12 | 12 | 12 | 13 | 13 | 13 | 12 | 10 | 8 | 9 | 9 | | 1 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | | | |
| MAX | .03 | .03 | | .02 | .02 | .02 | .05 | .04 | .05 | .04 | .04 | .05 | .05 | .04 | | .04 | .06 | .07 | .07 | .04 | .04 | .04 | .03 | .05 | .044 | 252 | .12 |

* Indicates Saturday or Sunday
Local standard time used

TABULATED SAT., JUN. 22, 1968

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## SOILING INDEX DATA TABLES

Tables 4-1 through 4-12 present soiling index values at the station by month. Each value was obtained from a 2-hour integrated sample beginning at the time indicated in the column heading. A missing value indicates that the sample was not taken or was invalid because of instrument malfunction.

The first summary line (titled MONTHLY MEAN) represents the arithmetic mean of the 2-hour average values in the column, and is calculated only if 16 or more days are represented. The first summary column (titled DAILY MEAN) is the arithmetic mean of the 2-hour values for the day; if fewer than seven such values are present, the daily mean is not calculated and the data are not included in the summaries. The component 2-hour values for the day are not deleted from the table, however, as is done with the data on gaseous pollutants.

The other summary columns and rows are the number of and maximum of the respective 2-hour values. Four summary figures appear in the lower right corner; the mean and maximum values for the month are the upper left and lower right figures, respectively, while the center figure is the total number of values. The lower left summary number is the maximum daily average from the column above.

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Table 4-1. JANUARY, 1967. 2-HOUR AVERAGE SOILING INDEX (COHS per 1000 lineal feet)

| Day of month | Time, starting hour | | | | | | | | | | | | Average | N[1] | Max[2] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0000 | 0200 | 0400 | 0600 | 0800 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 | 2200 | | | |
| 01 | 1.1 | 0.9 | 5.2 | 3.8 | 4.8 | 4.4 | 2.6 | 2.1 | 2.0 | 1.6 | 1.9 | 2.0 | 2.74 | 12 | 5.2 |
| 02 | 3.1 | 0.9 | 2.3 | 2.9 | 3.3 | 1.7 | 1.6 | 3.8 | 3.8 | 2.4 | 1.5 | 1.7 | 2.62 | 12 | 4.9 |
| 03 | 1.8 | 1.4 | 1.6 | 3.3 | 3.1 | 2.9 | 2.2 | 1.4 | 2.8 | 2.2 | 2.3 | 2.2 | 2.31 | 12 | 3.3 |
| 04 | 2.1 | 2.3 | 3.0 | 6.4 | 5.2 | 4.2 | 3.5 | 2.6 | 2.0 | 1.5 | 1.8 | 2.0 | 3.11 | 12 | 6.4 |
| 05 | 2.8 | 2.9 | 1.7 | 1.8 | 1.9 | 1.2 | 1.4 | 0.8 | 1.0 | 3.2 | 3.3 | 1.9 | 2.03 | 12 | 3.3 |
| 06 | 1.7 | 1.3 | 1.4 | 1.2 | 1.6 | 1.5 | 1.4 | 1.5 | 2.6 | 1.9 | 2.0 | 2.2 | 1.73 | 12 | 2.6 |
| 07 | 1.2 | 0.6 | 1.5 | 1.8 | 2.0 | 3.6 | 3.2 | 2.7 | 2.4 | 0.8 | 1.8 | 1.8 | 1.98 | 12 | 3.6 |
| 08 | 1.3 | 1.8 | 2.8 | 2.1 | 2.0 | 1.1 | 1.2 | 1.5 | 1.2 | 0.7 | 1.0 | 1.5 | 1.54 | 12 | 2.8 |
| 09 | 1.1 | 1.3 | 1.9 | 2.2 | 1.9 | 1.8 | 1.6 | 1.5 | 2.0 | 2.1 | 2.0 | 2.3 | 1.85 | 12 | 2.3 |
| 10 | 1.6 | 1.2 | 1.9 | 4.5 | 2.3 | 1.9 | 1.7 | 1.9 | 2.1 | 2.2 | 2.3 | 2.3 | 2.05 | 12 | 2.5 |
| 11 | 1.8 | 1.9 | 2.6 | 5.3 | 4.8 | 3.4 | 2.2 | 2.1 | 2.7 | 1.7 | 2.1 | 1.3 | 2.70 | 12 | 5.3 |
| 12 | 1.2 | 1.0 | 2.5 | 4.6 | 2.7 | 2.0 | 2.8 | 2.6 | 4.0 | 3.3 | 3.8 | 3.2 | 2.68 | 12 | 4.0 |
| 13 | 2.6 | 2.7 | 3.5 | 4.5 | 3.8 | 3.2 | 3.0 | 2.5 | 2.6 | 2.9 | 2.6 | 2.8 | 3.10 | 12 | 4.5 |
| 14 | 2.4 | 1.7 | 1.9 | 4.3 | 2.2 | 1.7 | 1.6 | 1.4 | 1.4 | 1.3 | 1.1 | 0.8 | 1.70 | 12 | 2.4 |
| 15 | 0.9 | 0.7 | 1.1 | 1.5 | 1.1 | 1.3 | 0.9 | 1.0 | 1.6 | 2.3 | 2.2 | 2.0 | 1.45 | 12 | 2.3 |
| 16 | 1.6 | 1.3 | 1.8 | 4.4 | 2.6 | 2.9 | 2.3 | 2.7 | 2.0 | 1.5 | 2.1 | 1.7 | 2.12 | 12 | 2.9 |
| 17 | 1.5 | 1.7 | 2.1 | 2.2 | 2.5 | 2.1 | 1.9 | 1.8 | 2.3 | 2.0 | 1.9 | 1.9 | 2.02 | 12 | 2.5 |
| 18 | 2.0 | 1.9 | 2.2 | 3.7 | 5.0 | 5.8 | 3.0 | 2.2 | 3.0 | 3.4 | 3.3 | 2.1 | 3.17 | 12 | 5.8 |
| 19 | 2.0 | 2.3 | 2.9 | 2.9 | 3.2 | 2.1 | 2.0 | 2.4 | 2.4 | 2.2 | 2.1 | 1.9 | 2.41 | 12 | 3.2 |
| 20 | 1.6 | 1.9 | 2.3 | 4.7 | 3.3 | 2.1 | | 1.9 | 1.6 | 1.4 | 1.4 | 1.4 | 2.01 | 11 | 3.3 |
| 21 | 1.3 | 1.2 | 1.6 | 4.4 | 2.0 | 1.6 | 1.8 | 1.3 | 1.7 | 3.6 | 3.9 | 1.9 | 2.06 | 12 | 3.9 |
| 22 | 1.7 | 1.1 | 1.2 | 4.7 | 3.6 | 1.6 | 1.4 | 1.4 | 1.0 | 1.2 | 1.0 | 0.8 | 1.60 | 12 | 3.6 |
| 23 | 0.4 | 0.7 | 1.5 | 4.6 | 2.3 | 2.7 | 2.1 | 1.9 | 3.0 | 2.8 | 2.0 | 1.2 | 1.99 | 12 | 3.0 |
| 24 | 1.2 | 1.5 | 3.4 | 3.6 | 1.9 | 1.7 | 1.4 | 1.2 | 1.2 | 0.8 | 1.3 | 1.0 | 1.72 | 12 | 3.6 |
| 25 | 0.4 | 0.7 | 1.7 | 1.6 | 1.5 | 1.2 | 1.5 | 1.7 | 1.8 | 2.4 | 2.3 | 1.2 | 1.54 | 12 | 2.4 |
| 26 | 0.7 | 0.7 | 1.0 | 1.5 | 1.0 | 0.8 | 0.8 | 1.1 | 0.8 | 0.7 | 0.8 | 0.5 | 0.91 | 12 | 1.5 |
| 27 | 1.0 | 1.0 | 1.4 | 1.0 | 2.5 | 1.8 | 1.4 | 1.3 | 1.2 | 1.6 | 1.9 | 1.5 | 1.52 | 12 | 2.5 |
| 28 | 1.2 | 1.7 | 1.9 | 4.5 | 2.1 | 1.8 | 1.5 | 1.7 | 2.4 | 3.5 | 2.4 | 2.3 | 2.12 | 12 | 3.5 |
| 29 | 1.9 | 1.7 | 2.1 | 2.1 | 3.9 | 1.1 | 0.3 | 0.4 | 0.4 | 0.1 | 0.6 | 0.4 | 1.29 | 12 | 3.9 |
| 30 | 0.1 | 0.3 | 0.5 | 1.2 | 0.7 | 0.8 | 0.9 | 1.0 | 0.8 | 0.7 | 1.0 | 1.4 | 0.82 | 12 | 1.4 |
| 31 | 1.7 | 2.4 | 2.8 | 2.2 | 3.1 | 2.5 | 1.7 | 2.1 | 2.0 | 3.2 | 2.2 | 1.3 | 2.30 | 12 | 3.2 |
| AVG | 1.51 | 1.44 | 2.10 | 2.69 | 2.70 | 2.20 | 1.83 | 1.79 | 1.99 | 1.97 | 1.99 | 1.69 | 2.00 | | |
| N(3) | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 31 | 31 | 31 | 31 | 31 | | 371 | |
| MAX* | 3.1 | 2.9 | 5.2 | 6.4 | 5.2 | 5.8 | 3.5 | 3.8 | 4.0 | 3.6 | 3.9 | 3.2 | 3.17 | | 6.4 |

(1) N = number of valid 2-hr spots
(2) Max = maximum 2-hr COH per day
(3) N = days with valid values
* Max = maximum 2-hr COH per month
Values greater than 6.0 underestimate actual value

Table 4-2. FEBRUARY, 1967. 2-HOUR AVERAGE SOILING INDEX (COHS per 1000 lineal feet)

| Day of month | Time, starting hour | | | | | | | | | | | | Average | N(1) | Max(2) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0000 | 0200 | 0400 | 0600 | 0800 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 | 2200 | | | |
| 01 | 1.2 | 1.5 | 2.0 | 1.1 | 1.0 | 0.9 | 0.7 | 1.0 | 1.2 | 0.9 | 0.7 | 0.8 | 1.13 | 12 | 2.0 |
| 02 | 1.3 | 1.6 | 1.7 | 1.6 | 2.2 | 2.1 | 2.0 | 1.7 | 1.7 | 2.7 | 2.7 | 3.0 | 2.06 | 12 | 3.0 |
| 03 | 3.2 | 2.8 | 3.0 | 3.0 | 2.7 | 1.3 | 1.2 | 1.5 | 1.7 | 1.1 | 1.1 | 1.3 | 2.04 | 12 | 3.2 |
| 04 | 1.3 | 0.9 | 1.4 | 1.8 | 2.8 | 2.1 | 2.3 | 1.5 | 1.7 | 1.9 | 1.6 | 1.8 | 1.80 | 12 | 2.8 |
| 05 | 1.8 | 1.8 | 2.3 | 1.1 | 0.9 | 1.0 | 1.1 | 1.0 | 0.3 | 0.9 | 1.0 | 0.5 | 1.18 | 12 | 2.3 |
| 06 | 0.5 | 0.3 | 1.2 | 0.9 | 1.4 | 1.1 | 1.4 | 1.8 | 1.5 | 1.1 | 0.8 | 0.9 | 1.13 | 12 | 1.8 |
| 07 | 0.4 | 0.6 | 0.8 | 1.1 | 1.4 | 1.0 | 1.0 | 0.8 | 1.1 | 2.4 | 4.3 | 3.9 | 1.60 | 12 | 4.3 |
| 08 | 2.4 | 2.8 | 3.6 | 3.1 | 2.6 | 1.8 | 1.3 | 1.7 | 2.1 | 1.6 | 2.4 | 1.7 | 2.29 | 12 | 3.6 |
| 09 | 1.6 | 2.8 | 2.7 | 4.1 | 2.8 | 2.0 | 1.1 | 1.4 | 1.8 | 1.4 | 1.1 | 0.8 | 2.00 | 12 | 4.1 |
| 10 | 1.0 | 1.2 | 1.1 | 1.7 | 1.5 | 0.9 | 1.1 | 1.7 | 1.4 | 1.2 | 1.0 | 0.7 | 1.26 | 12 | 1.7 |
| 11 | 0.7 | 1.0 | 1.2 | 1.8 | 1.3 | 1.4 | 1.0 | 1.1 | 1.0 | 1.3 | 1.2 | 1.6 | 1.26 | 12 | 1.8 |
| 12 | 1.4 | 2.3 | 3.0 | 5.0 | 2.5 | 1.2 | 1.2 | 1.9 | 2.9 | 3.5 | 3.2 | 1.6 | 2.52 | 12 | 5.0 |
| 13 | 1.4 | 1.6 | 1.5 | 3.7 | 4.4 | 3.3 | 2.6 | 1.9 | 2.1 | 2.5 | 1.9 | 2.1 | 2.46 | 12 | 4.4 |
| 14 | 2.6 | 3.0 | 2.0 | 4.8 | 2.2 | 1.4 | 1.3 | 1.6 | 1.5 | 1.5 | 2.5 | 2.3 | 2.09 | 12 | 3.0 |
| 15 | 2.2 | 1.2 | 0.6 | 0.9 | 1.6 | 2.1 | 2.6 | 1.4 | 1.1 | 0.9 | 2.1 | 1.1 | 1.53 | 12 | 2.6 |
| 16 | 1.2 | 1.1 | 1.6 | 4.3 | 2.2 | 2.5 | 2.8 | 3.1 | 2.7 | 2.7 | 4.6 | 5.0 | 2.70 | 12 | 5.0 |
| 17 | 2.9 | 3.1 | 3.4 | 4.2 | 1.8 | 1.2 | 0.5 | 1.0 | 1.5 | 1.4 | 0.8 | 1.3 | 1.98 | 12 | 4.2 |
| 18 | 1.3 | 1.2 | 2.0 | 1.6 | 3.5 | 2.5 | 2.7 | 2.8 | 2.7 | 2.8 | 1.7 | 2.4 | 2.30 | 12 | 3.5 |
| 19 | 1.7 | 1.3 | 2.1 | 4.5 | 2.2 | 1.3 | 0.7 | 1.3 | 1.7 | 2.4 | 2.6 | 1.9 | 1.85 | 12 | 2.6 |
| 20 | 1.9 | 1.5 | 2.0 | 4.8 | 2.3 | 2.0 | 1.2 | 1.5 | 1.8 | 1.2 | 1.5 | 1.2 | 1.79 | 12 | 2.8 |
| 21 | 1.1 | 1.4 | 1.4 | 3.0 | 3.5 | 1.9 | 1.5 | 1.0 | 1.4 | 1.5 | 1.2 | 1.5 | 1.74 | 12 | 3.5 |
| 22 | 1.3 | 1.1 | 1.4 | 4.3 | 1.7 | 2.2 | 2.1 | 2.3 | 1.9 | 2.0 | 1.6 | 1.3 | 1.81 | 12 | 2.3 |
| 23 | 1.3 | 1.6 | 2.3 | 4.7 | 1.8 | 1.7 | 3.4 | 2.3 | 4.6 | 2.8 | 1.4 | 1.3 | 2.15 | 12 | 3.4 |
| 24 | 1.5 | 1.5 | 1.8 | 4.6 | 2.5 | 2.3 | 1.7 | 1.7 | 1.9 | 2.1 | 2.5 | 2.4 | 2.08 | 12 | 2.6 |
| 25 | 1.8 | 1.8 | 2.3 | 4.3 | 2.9 | 2.0 | 1.8 | 1.9 | 4.4 | 3.0 | 2.7 | 1.9 | 2.29 | 12 | 3.0 |
| 26 | 3.0 | 1.9 | 2.1 | 4.3 | 1.3 | 1.7 | 1.0 | 1.3 | 1.6 | 1.6 | 1.5 | 1.6 | 1.77 | 12 | 3.0 |
| 27 | 1.7 | 1.6 | 3.4 | 4.7 | 3.0 | 3.3 | 2.6 | 2.9 | 4.3 | 2.1 | 1.8 | 1.9 | 2.47 | 12 | 3.4 |
| 28 | 1.5 | 1.4 | 1.8 | 4.8 | 2.8 | 1.9 | 2.0 | 2.3 | 1.9 | 1.2 | 0.9 | 0.3 | 1.77 | 12 | 2.8 |
| AVG | 1.64 | 1.63 | 1.98 | 4.42 | 2.24 | 1.78 | 1.63 | 1.69 | 1.76 | 1.84 | 1.87 | 1.71 | 1.84 | | |
| N(3) | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | | 336 | |
| MAX* | 3.2 | 3.1 | 3.6 | 5.0 | 4.4 | 3.3 | 3.4 | 3.1 | 2.9 | 3.5 | 4.6 | 5.0 | 2.70 | | 5.0 |

(1) N = number of valid 2-hr spots
(2) Max = maximum 2-hr COH per day
(3) N = days with valid values
*. Max = maximum 2-hr COH per month
Values greater than 6.0 underestimate actual value

Table 4-3. MARCH, 1967, 2-HOUR AVERAGE SOILING INDEX (COHS per 1000 lineal feet)

| Day of month | Time, starting hour | | | | | | | | | | | | Average | N[1] | Max[2] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0000 | 0200 | 0400 | 0600 | 0800 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 | 2200 | | | |
| 01 | 0.3 | 0.4 | 3.0 | 4.7 | 2.3 | 1.9 | 2.0 | 2.2 | 2.2 | 1.5 | 1.5 | 1.9 | 1.85 | 12 | 3.0 |
| 02 | 1.5 | 2.6 | 4.2 | 4.4 | 4.0 | 1.7 | 1.6 | 2.0 | 2.8 | 2.6 | 3.4 | 4.3 | 2.96 | 12 | 4.4 |
| 03 | 3.3 | 3.6 | 3.6 | 2.7 | 1.6 | 1.4 | 1.8 | 1.9 | 1.2 | 2.0 | 1.7 | 0.9 | 2.18 | 12 | 3.6 |
| 04 | 0.8 | 0.4 | 0.7 | 0.8 | 0.5 | 1.0 | 1.0 | 1.0 | 0.8 | 0.6 | 1.0 | 0.9 | 0.84 | 12 | 1.0 |
| 05 | 0.6 | 0.3 | 0.8 | 1.8 | 2.3 | 1.6 | 1.5 | 2.3 | 1.5 | 2.2 | 2.0 | 1.2 | 1.55 | 12 | 2.3 |
| 06 | 1.2 | 2.2 | 3.2 | 3.6 | 1.6 | 1.0 | 1.1 | 0.8 | 1.5 | 3.1 | 3.1 | 2.4 | 2.09 | 12 | 3.6 |
| 07 | 1.4 | 2.2 | 3.3 | 4.3 | 2.2 | | 1.3 | 1.5 | 1.7 | 1.3 | 2.1 | 2.0 | 1.98 | 11 | 3.3 |
| 08 | 1.5 | 1.4 | 1.3 | 4.5 | 3.4 | 2.1 | 1.1 | 1.8 | 1.6 | 1.4 | 1.4 | 1.6 | 1.80 | 12 | 3.4 |
| 09 | 1.3 | 1.2 | 1.6 | 4.3 | 2.4 | 1.0 | 1.3 | 1.2 | 1.8 | 2.1 | 1.8 | 1.5 | 1.66 | 12 | 2.4 |
| 10 | 1.5 | 1.8 | 2.2 | 4.4 | 2.0 | 1.2 | 1.0 | 1.1 | 2.1 | 2.8 | 3.4 | 3.7 | 2.13 | 12 | 3.7 |
| 11 | 2.6 | 3.1 | 4.5 | 2.9 | 1.2 | 1.2 | 1.4 | 1.1 | 1.4 | 1.1 | 1.0 | 1.3 | 1.95 | 12 | 4.5 |
| 12 | 0.7 | 0.4 | 0.3 | 0.6 | 0.4 | 0.7 | 0.8 | 1.0 | 0.9 | 1.3 | 0.8 | 0.8 | 0.78 | 12 | 1.3 |
| 13 | 1.0 | 0.9 | 1.1 | 4.8 | 4.0 | 1.2 | 1.9 | 1.8 | 1.8 | 2.4 | 1.9 | 1.1 | 1.84 | 12 | 4.0 |
| 14 | 1.5 | 1.4 | 0.8 | 4.4 | 1.3 | 1.5 | 1.4 | 1.2 | 1.6 | 1.7 | 1.8 | 1.0 | 1.42 | 12 | 1.8 |
| 15 | 1.1 | 0.5 | 1.0 | 4.3 | 1.6 | 1.1 | 1.7 | 1.8 | 2.4 | 2.7 | 2.9 | 2.3 | 1.73 | 12 | 2.9 |
| 16 | 2.5 | 1.9 | 2.8 | 3.2 | 1.7 | 1.5 | 1.4 | 1.5 | 1.6 | 1.9 | 1.9 | 1.6 | 2.01 | 12 | 3.2 |
| 17 | 1.3 | 1.7 | 2.4 | 2.6 | 2.3 | 1.8 | 1.3 | 1.7 | 1.7 | 1.7 | 1.9 | 1.6 | 1.86 | 12 | 2.6 |
| 18 | 1.5 | 1.4 | 2.3 | 3.6 | 1.9 | 1.0 | 1.5 | 1.2 | 1.4 | 1.3 | 1.7 | 3.0 | 1.86 | 12 | 3.6 |
| 19 | 2.4 | 1.8 | 1.8 | 2.0 | 1.7 | 0.8 | 1.0 | 1.3 | 1.2 | 1.1 | 2.6 | 2.4 | 1.72 | 12 | 2.6 |
| 20 | 0.8 | 1.0 | 4.8 | 4.3 | 1.5 | 1.4 | 1.3 | 3.7 | 3.1 | 2.6 | 3.1 | 1.7 | 2.47 | 12 | 4.8 |
| 21 | 1.3 | 1.1 | 1.3 | 2.0 | 2.1 | 1.6 | 1.3 | 1.4 | 1.7 | 2.2 | 1.6 | 1.5 | 1.64 | 12 | 2.2 |
| 22 | 1.7 | 1.2 | 2.2 | 4.1 | 2.6 | 1.2 | 1.1 | 1.6 | 1.7 | 1.7 | 2.4 | 1.9 | 1.98 | 12 | 4.1 |
| 23 | 1.7 | 1.7 | 2.7 | 3.5 | 1.6 | 1.0 | 0.9 | 0.7 | 1.5 | 0.8 | 0.7 | 0.9 | 1.52 | 12 | 3.5 |
| 24 | 0.8 | 0.5 | 0.6 | 1.2 | 1.0 | 1.1 | 0.9 | 0.6 | 1.4 | 1.1 | 1.1 | 1.6 | 1.04 | 12 | 1.6 |
| 25 | 1.6 | 1.8 | 2.3 | 3.3 | 2.9 | 1.3 | 1.0 | 1.0 | 1.4 | 1.5 | 2.5 | 2.6 | 1.99 | 12 | 3.3 |
| 26 | 1.4 | 1.4 | 1.3 | 4.4 | 1.3 | 2.3 | 1.8 | 1.3 | 1.6 | 0.7 | 1.0 | 1.3 | 1.45 | 12 | 2.3 |
| 27 | 0.6 | 1.1 | 1.3 | 4.7 | 1.7 | 1.1 | 1.0 | 0.9 | 1.2 | 0.9 | 0.7 | 0.7 | 1.11 | 12 | 1.7 |
| 28 | 1.2 | 0.7 | 1.0 | 4.4 | 1.7 | 1.0 | 1.1 | 1.5 | 1.1 | 1.4 | 1.0 | 0.4 | 1.17 | 12 | 1.7 |
| 29 | 0.9 | 0.6 | 0.6 | 4.4 | 1.2 | 1.1 | 1.3 | 0.9 | 1.1 | 1.0 | 0.9 | 0.9 | 1.04 | 12 | 1.4 |
| 30 | 1.1 | 1.2 | 1.4 | 4.3 | 1.6 | 0.8 | 1.0 | 0.6 | 1.3 | 1.0 | 1.0 | 0.7 | 1.21 | 12 | 2.3 |
| 31 | 0.9 | 0.4 | 0.9 | 0.7 | 1.0 | 1.0 | 1.0 | 1.3 | 1.0 | 1.6 | 1.0 | 0.8 | 1.00 | 12 | 1.6 |
| AVG | 1.35 | 1.35 | 1.97 | 4.36 | 1.89 | 1.28 | 1.28 | 1.41 | 1.59 | 1.65 | 1.77 | 1.62 | 1.62 | | |
| N(3) | 31 | 31 | 31 | 31 | 31 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | | 371 | |
| MAX* | 3.3 | 3.6 | 4.8 | 4.4 | 4.0 | 2.3 | 2.0 | 3.7 | 3.1 | 3.1 | 3.4 | 4.3 | 2.96 | | 4.8 |

(1) N = number of valid 2-hr spots
(2) Max = maximum 2-hr COH per day
(3) N = days with valid values
* Max = maximum 2-hr COH per month
Values greater than 6.0 underestimate actual value

Table 4-4. APRIL, 1967, 2-HOUR AVERAGE SOILING INDEX (COHS per 1000 lineal feet)

| Day of month | Time, starting hour | | | | | | | | | | | | Average | N(1) | Max(2) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0000 | 0200 | 0400 | 0600 | 0800 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 | 2200 | | | |
| 01 | 0.5 | 0.9 | 1.2 | 1.9 | 3.0 | 0.9 | 1.1 | 1.0 | 1.2 | 1.0 | 0.6 | 1.2 | 1.24 | 12 | 3.0 |
| 02 | 2.4 | 1.9 | 1.6 | 0.7 | 0.6 | 0.4 | 0.3 | 0.4 | 0.3 | 0.6 | 0.6 | 0.7 | 0.90 | 12 | 2.4 |
| 03 | 0.7 | 0.9 | 1.1 | 1.5 | 1.3 | 1.0 | 0.9 | 0.9 | 0.7 | 0.5 | 0.5 | 0.5 | 0.92 | 12 | 1.5 |
| 04 | 1.4 | 1.8 | 2.5 | 2.1 | 1.8 | 0.8 | 0.9 | 1.1 | 0.8 | 1.1 | 1.3 | 1.4 | 1.45 | 12 | 2.5 |
| 05 | 1.4 | 2.1 | 3.5 | 4.9 | 4.2 | 2.2 | 1.1 | 1.4 | 1.9 | 3.1 | 1.6 | 1.2 | 2.42 | 12 | 4.9 |
| 06 | 1.4 | 2.0 | 2.2 | 1.8 | 2.4 | 1.5 | 1.2 | 1.6 | 2.0 | 1.8 | 1.6 | 0.9 | 1.74 | 12 | 2.4 |
| 07 | 1.1 | 0.8 | 0.8 | 1.2 | 1.6 | 1.1 | 0.8 | 0.7 | 0.5 | 0.4 | 0.4 | 2.8 | 1.03 | 12 | 2.8 |
| 08 | 2.2 | 2.0 | 2.5 | 3.6 | 1.6 | 1.1 | 1.2 | 1.5 | 1.7 | 1.9 | 1.2 | 1.5 | 1.87 | 12 | 3.6 |
| 09 | 1.0 | 0.7 | 0.7 | 1.5 | 1.2 | 0.6 | 0.6 | 0.5 | 0.6 | 0.6 | 0.8 | 0.8 | 0.83 | 12 | 1.5 |
| 10 | 0.5 | 0.5 | 0.8 | 0.8 | 1.1 | 0.6 | 1.1 | 1.1 | 1.2 | 1.1 | 1.1 | 0.8 | 0.94 | 12 | 1.2 |
| 11 | 0.4 | 0.5 | 0.5 | 0.9 | 0.9 | 0.7 | 0.7 | 0.8 | 1.1 | 1.0 | 0.7 | 0.6 | 0.76 | 12 | 1.1 |
| 12 | 0.8 | 0.4 | 0.5 | 0.6 | 0.8 | 0.5 | 0.7 | 1.4 | 1.0 | 0.8 | 1.0 | 0.9 | 0.83 | 12 | 1.4 |
| 13 | 0.8 | 0.4 | 0.4 | 1.3 | 1.3 | 1.0 | 1.8 | 2.2 | 1.6 | 1.5 | 1.5 | 1.1 | 1.27 | 12 | 2.2 |
| 14 | 1.0 | 0.7 | 0.9 | 0.5 | 0.9 | 0.4 | 0.4 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.70 | 12 | 1.0 |
| 15 | 0.8 | 0.3 | 0.3 | 0.5 | 0.8 | 0.6 | 0.4 | 0.5 | 0.8 | 1.1 | 1.5 | 2.5 | 0.88 | 12 | 2.5 |
| 16 | 2.4 | 1.6 | 1.1 | 1.5 | 1.2 | 0.6 | 0.1 | 0.4 | 0.6 | 1.9 | 1.3 | 0.8 | 1.15 | 12 | 2.4 |
| 17 | 0.3 | 0.3 | 0.7 | 0.5 | 0.6 | 0.4 | 0.6 | 0.9 | 1.1 | 0.7 | 0.8 | 0.6 | 0.66 | 12 | 1.1 |
| 18 | 0.5 | 0.4 | 0.9 | 1.4 | 1.5 | 0.9 | 0.6 | 0.9 | 0.8 | 0.7 | 1.0 | 0.7 | 0.90 | 12 | 1.5 |
| 19 | 0.5 | 0.3 | 0.6 | 0.3 | 1.0 | 0.7 | 0.7 | 0.7 | 1.0 | 0.6 | 0.5 | 0.7 | 0.68 | 12 | 1.0 |
| 20 | 0.4 | 0.6 | 1.3 | 1.1 | 1.4 | 1.1 | 1.5 | 0.9 | 1.4 | 2.1 | 1.6 | 1.4 | 1.27 | 12 | 2.1 |
| 21 | 1.3 | 1.1 | 1.2 | 1.7 | 1.6 | 1.6 | 1.3 | 1.2 | 0.8 | 1.0 | 0.9 | 1.8 | 1.33 | 12 | 1.8 |
| 22 | 0.5 | 0.7 | 0.7 | 0.7 | 0.8 | 0.6 | 0.9 | 0.9 | 0.6 | 1.0 | 1.4 | 1.4 | 0.89 | 12 | 1.4 |
| 23 | 0.9 | 0.6 | 0.8 | 0.9 | 0.3 | 0.1 | 0.3 | 0.3 | 0.8 | 0.7 | 0.6 | 1.4 | 0.68 | 12 | 1.4 |
| 24 | 1.2 | 1.5 | 1.3 | 1.7 | 1.1 | 0.9 | 1.1 | 0.8 | 0.9 | 0.8 | 2.2 | 4.0 | 1.51 | 12 | 4.0 |
| 25 | 4.2 | 2.8 | 2.1 | 3.8 | 0.6 | 0.3 | 0.7 | 1.5 | 0.9 | 1.0 | 1.1 | 0.8 | 1.70 | 12 | 4.2 |
| 26 | 0.5 | 0.7 | 0.9 | 1.1 | 1.1 | 1.3 | 1.1 | 1.5 | 1.8 | 2.6 | 3.1 | 3.0 | 1.61 | 12 | 3.1 |
| 27 | 2.4 | 3.5 | 2.5 | 0.6 | 0.2 | 0.7 | 0.7 | 1.2 | 0.6 | 0.8 | 1.2 | 0.5 | 1.30 | 12 | 3.5 |
| 28 | 1.2 | 3.7 | 2.6 | 1.0 | 0.8 | 0.7 | 0.6 | 0.8 | 1.6 | 1.7 | 2.3 | 1.5 | 1.59 | 12 | 3.7 |
| 29 | 1.4 | 0.8 | 0.5 | 1.6 | 1.6 | 2.0 | 1.5 | 1.0 | 1.0 | 0.9 | 0.9 | 0.7 | 1.20 | 12 | 2.0 |
| 30 | 0.6 | 0.7 | 1.0 | 1.1 | 0.9 | 0.8 | 1.0 | 0.9 | 0.9 | 0.7 | 0.3 | 0.6 | 0.84 | 12 | 1.1 |
| AVG | 1.15 | 1.17 | 1.25 | 1.42 | 1.27 | 0.87 | 0.86 | 0.98 | 1.02 | 1.14 | 1.14 | 1.25 | 1.13 | | |
| N(3) | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | 360 | |
| MAX* | 4.2 | 3.7 | 3.5 | 4.9 | 4.2 | 2.2 | 1.8 | 2.2 | 2.0 | 3.1 | 3.1 | 4.0 | 2.42 | | 4.9 |

(1) N = number of valid 2-hr spots
(2) Max = maximum 2-hr COH per day
(3) N = days with valid values
*, Max = maximum 2-hr COH per month
Values greater than 6.0 underestimate actual value

Table 4-5. MAY, 1967, 2-HOUR AVERAGE SOILING INDEX (COHS per 1000 lineal feet)

| Day of month | Time, starting hour | | | | | | | | | | | | Average | N(1) | Max(2) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0000 | 0200 | 0400 | 0600 | 0800 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 | 2200 | | | |
| 01 | 0.4 | 1.0 | 2.3 | 3.6 | 1.0 | 0.4 | 0.4 | 0.6 | 0.6 | 0.7 | 0.7 | 0.6 | 1.07 | 12 | 3.6 |
| 02 | 0.5 | 0.7 | 1.2 | 1.1 | 1.1 | 1.0 | 1.0 | 0.8 | 1.0 | 1.4 | 1.6 | 1.1 | 1.08 | 12 | 1.6 |
| 03 | 1.2 | 1.7 | 2.6 | 6.4 | 1.1 | 0.6 | 0.6 | 0.6 | 1.0 | 0.9 | 1.2 | 1.5 | 1.32 | 12 | 2.6 |
| 04 | 1.1 | 0.7 | 1.6 | 1.3 | 0.7 | 0.4 | 0.3 | 0.9 | 0.8 | 0.4 | 0.3 | 0.4 | 0.78 | 12 | 1.6 |
| 05 | 0.2 | 1.1 | 1.4 | 0.5 | 0.5 | 0.8 | 0.6 | 1.1 | 0.7 | 0.7 | 0.8 | 0.6 | 0.79 | 12 | 1.4 |
| 06 | 0.4 | 0.3 | 0.3 | 0.7 | 0.6 | 0.8 | 1.0 | 1.0 | 0.7 | 0.7 | 0.8 | 0.6 | 0.70 | 12 | 1.0 |
| 07 | 0.5 | 0.4 | 1.1 | 0.6 | 0.6 | 0.5 | 0.4 | 0.9 | 0.5 | 0.7 | 0.7 | 0.8 | 0.67 | 12 | 1.1 |
| 08 | 1.1 | 0.8 | 1.3 | 1.6 | 1.3 | 1.0 | 0.9 | 1.2 | 1.3 | 1.2 | 1.1 | 1.2 | 1.20 | 12 | 1.6 |
| 09 | 1.4 | 1.4 | 2.0 | 2.0 | 0.9 | 1.1 | 0.7 | 0.7 | 0.7 | 0.6 | 3.9 | 3.2 | 1.60 | 12 | 3.9 |
| 10 | 3.8 | 2.8 | 0.7 | 0.9 | 0.8 | 0.7 | 1.4 | 1.1 | 1.2 | 1.7 | 1.0 | 1.2 | 1.48 | 12 | 3.8 |
| 11 | 0.4 | 1.4 | 2.4 | 6.5 | 1.3 | 1.2 | 1.6 | 1.6 | 1.4 | 1.0 | 0.8 | 0.3 | 1.37 | 12 | 2.5 |
| 12 | 0.5 | 0.4 | 0.4 | 1.2 | 0.9 | 0.7 | 1.0 | 1.0 | 0.8 | 0.7 | 0.8 | 0.6 | 0.78 | 12 | 1.2 |
| 13 | 1.1 | 1.3 | 0.8 | 0.9 | 0.6 | 0.7 | 0.8 | 1.1 | 1.0 | 0.6 | 0.7 | 0.8 | 0.90 | 12 | 1.3 |
| 14 | 0.3 | 0.5 | 0.3 | 0.6 | 0.7 | 0.5 | 0.7 | 1.1 | 0.9 | 0.7 | 1.6 | 1.5 | 0.83 | 12 | 1.6 |
| 15 | 1.6 | 2.1 | 1.9 | 2.2 | 1.4 | 0.9 | 1.1 | 1.0 | 1.0 | 0.7 | 1.3 | 2.7 | 1.53 | 12 | 2.7 |
| 16 | 1.4 | 2.0 | 1.8 | 1.8 | 0.8 | 0.7 | 1.1 | 1.0 | 1.6 | 1.1 | 1.8 | 3.6 | 1.61 | 12 | 3.6 |
| 17 | 2.4 | 1.0 | 1.8 | 1.7 | 1.1 | 1.0 | 0.7 | 1.0 | 0.7 | 1.2 | 1.7 | 2.0 | 1.40 | 12 | 2.4 |
| 18 | 1.5 | 1.5 | 1.1 | 0.9 | 0.9 | 0.7 | 0.8 | 1.0 | 0.8 | 0.7 | 0.6 | 0.8 | 0.99 | 12 | 1.5 |
| 19 | 0.9 | 0.8 | 1.1 | 1.1 | 0.8 | 0.7 | 0.6 | 0.6 | 0.5 | 0.5 | 0.8 | 0.6 | 0.77 | 12 | 1.1 |
| 20 | 0.3 | 0.2 | 0.8 | 0.5 | 0.7 | 0.3 | 0.6 | 0.2 | 0.5 | 0.4 | 1.8 | 1.7 | 0.70 | 12 | 1.8 |
| 21 | 1.1 | 0.7 | 1.0 | 0.9 | 0.7 | 0.5 | 0.3 | 0.6 | 0.5 | 0.6 | 0.4 | 0.5 | 0.68 | 12 | 1.1 |
| 22 | 0.0 | 0.6 | 0.2 | 1.2 | 0.7 | 0.5 | 0.9 | 1.2 | 0.8 | 0.9 | 0.6 | 0.6 | 0.72 | 12 | 1.2 |
| 23 | 0.7 | 1.4 | 1.5 | 1.6 | 1.9 | 1.3 | 1.0 | 0.7 | 1.4 | 1.0 | 1.1 | 1.4 | 1.30 | 12 | 1.9 |
| 24 | 1.0 | 0.8 | 1.3 | 1.3 | 1.0 | 1.3 | 1.2 | 1.5 | 1.5 | 1.0 | 1.1 | 1.2 | 1.23 | 12 | 1.5 |
| 25 | 1.0 | 0.9 | 1.1 | 1.7 | 1.7 | 1.4 | 1.2 | 1.3 | 1.2 | 0.8 | 0.8 | 0.9 | 1.19 | 12 | 1.7 |
| 26 | 1.0 | 0.7 | 0.9 | 1.5 | 1.3 | 0.7 | 1.2 | 0.6 | 0.6 | 0.7 | 0.8 | 0.8 | 0.94 | 12 | 1.5 |
| 27 | 0.6 | 0.2 | 0.5 | 0.5 | 0.8 | 0.6 | 0.5 | 0.7 | 0.5 | 0.2 | 0.6 | 0.3 | 0.53 | 12 | 0.8 |
| 28 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.4 | 0.5 | 0.2 | 0.3 | 0.4 | 0.3 | | 0.41 | 11 | 0.5 |
| 29 | 0.1 | 0.1 | 0.3 | 1.1 | 0.7 | 0.9 | 0.9 | 0.9 | 1.3 | 0.2 | 0.7 | 0.6 | 0.70 | 12 | 1.3 |
| 30 | 0.0 | 0.5 | 0.3 | 0.6 | 0.6 | 0.4 | 0.6 | 0.8 | 0.6 | 0.3 | 0.4 | 0.0 | 0.46 | 12 | 0.8 |
| 31 | 0.2 | | 0.4 | 1.1 | 0.7 | 0.6 | 0.6 | 0.6 | 0.8 | 0.5 | 0.4 | 0.4 | 0.61 | 11 | 1.1 |
| AVG | 0.87 | 0.95 | 1.11 | 1.29 | 0.90 | 0.75 | 0.81 | 0.89 | 0.87 | 0.74 | 1.00 | 1.08 | .93 | | |
| N(3) | 31 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | | 370 | |
| MAX* | 3.8 | 2.8 | 2.6 | 3.6 | 1.9 | 1.4 | 1.6 | 1.6 | 1.6 | 1.7 | 3.9 | 3.6 | 1.61 | | 3.9 |

(1) N = number of valid 2-hr spots
(2) Max = maximum 2-hr COH per day
(3) N = days with valid values
* Max = maximum 2-hr COH per month
Values greater than 6.0 underestimate actual value

Table 4-6. JUNE, 1967, 2-HOUR AVERAGE SOILING INDEX (COHS per 1000 lineal feet)

| Day of month | Time, starting hour | | | | | | | | | | | | Average | N(1) | Max(2) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0000 | 0200 | 0400 | 0600 | 0800 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 | 2200 | | | |
| 01 | 0.1 | 0.2 | 0.5 | 0.9 | 0.6 | 0.8 | 0.8 | 0.8 | 0.8 | 0.7 | 0.5 | 0.4 | 0.64 | 12 | 0.9 |
| 02 | 1.0 | 1.2 | 1.4 | 1.2 | 1.2 | 0.9 | 1.2 | 1.2 | 1.0 | 0.9 | 0.9 | 0.7 | 1.10 | 12 | 1.4 |
| 03 | 0.4 | 1.1 | 1.2 | 1.2 | 1.1 | 1.2 | 0.8 | 0.4 | 1.0 | 0.6 | 0.6 | 1.4 | 0.96 | 12 | 1.4 |
| 04 | 2.2 | 1.5 | 1.5 | 1.4 | 1.2 | 0.4 | 0.4 | 0.6 | 0.6 | 0.7 | 0.7 | 0.9 | 1.03 | 12 | 2.2 |
| 05 | 1.3 | 1.5 | 1.8 | 1.1 | 0.9 | 0.6 | 0.6 | 0.9 | 1.1 | 0.8 | 0.9 | 0.7 | 1.07 | 12 | 1.8 |
| 06 | 0.2 | 1.7 | 2.1 | 1.9 | 0.8 | 0.9 | 0.8 | 0.6 | 0.6 | 0.5 | 0.4 | 0.5 | 0.97 | 12 | 2.1 |
| 07 | 0.4 | 0.4 | 0.8 | 1.3 | 1.1 | 0.7 | 1.4 | 1.0 | 0.9 | 0.9 | 1.3 | 1.2 | 0.98 | 12 | 1.4 |
| 08 | 0.5 | 0.6 | 0.7 | 0.8 | 0.4 | 0.5 | 0.4 | 0.4 | 0.2 | 0.3 | 0.7 | 0.4 | 0.53 | 12 | 0.8 |
| 09 | 0.5 | 0.5 | 0.7 | 1.0 | 0.8 | 0.9 | 0.5 | 0.7 | 0.9 | 0.6 | 0.7 | 0.8 | 0.77 | 12 | 1.0 |
| 10 | 0.3 | 0.1 | 0.3 | 0.3 | 0.4 | 0.2 | 0.3 | 0.4 | 0.4 | 0.6 | 0.8 | 1.0 | 0.48 | 12 | 1.0 |
| 11 | 0.6 | 0.3 | 0.5 | 0.5 | 0.2 | 0.3 | 0.4 | 0.5 | 0.1 | 0.0 | 0.5 | 0.2 | 0.39 | 12 | 0.6 |
| 12 | 0.6 | 0.3 | 0.5 | 0.3 | 0.6 | 0.7 | 0.5 | 1.3 | 1.0 | 1.0 | 0.5 | 0.2 | 0.66 | 12 | 1.3 |
| 13 | 0.2 | 0.3 | 0.3 | 0.6 | 0.4 | 0.4 | 0.3 | 0.4 | 0.1 | 0.2 | 0.7 | 0.9 | 0.44 | 12 | 0.9 |
| 14 | 0.9 | 0.4 | 0.4 | 1.1 | 0.6 | 0.5 | 0.2 | 0.6 | 0.8 | 0.8 | 0.7 | 0.5 | 0.67 | 12 | 1.1 |
| 15 | 0.6 | 0.6 | 0.5 | 0.6 | 0.2 | 0.5 | 0.6 | 0.8 | 0.6 | 0.4 | 0.4 | 0.4 | 0.56 | 12 | 0.8 |
| 16 | 0.2 | 0.3 | 0.5 | 1.3 | 1.0 | 0.1 | 0.4 | 0.4 | 0.6 | 0.5 | 0.7 | 0.9 | 0.61 | 12 | 1.3 |
| 17 | 0.2 | 0.0 | 0.3 | 0.3 | 0.3 | 0.3 | 0.1 | 0.2 | 0.1 | 0.2 | 0.2 | 0.3 | 0.26 | 12 | 0.3 |
| 18 | 0.1 | | 0.1 | | 0.1 | 0.1 | 0.0 | 0.1 | 0.0 | 0.1 | | 0.2 | 0.12 | 09 | 0.2 |
| 19 | 0.1 | 0.0 | 0.1 | 0.1 | 0.2 | 0.0 | 0.1 | 0.1 | 0.0 | | 0.2 | 0.2 | 0.14 | 11 | 0.2 |
| 20 | 0.1 | 0.4 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.4 | 0.1 | | 0.1 | 0.27 | 11 | 0.4 |
| 21 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 | 0.2 | 0.0 | 0.0 | 0.0 | 0.1 | | | 0.14 | 10 | 0.2 |
| 22 | 0.2 | | | 0.1 | | | 0.2 | 0.0 | | 0.0 | | 0.1 | | | |
| 23 | 0.5 | 1.2 | 0.9 | | 0.2 | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | 0.8 | 0.5 | 1.6 | 1.6 | | | |
| AVG | 0.50 | 0.58 | 0.69 | 0.81 | 0.59 | 0.49 | 0.47 | 0.55 | 0.53 | 0.50 | 0.63 | 0.59 | .55 | | |
| N(3) | 21 | 20 | 21 | 20 | 21 | 21 | 21 | 21 | 21 | 20 | 18 | 20 | | 245 | |
| MAX* | 2.2 | 1.7 | 2.1 | 1.9 | 1.2 | 1.2 | 1.4 | 1.3 | 1.1 | 1.0 | 1.3 | 1.4 | 1.10 | | 2.2 |

(1) N = number of valid 2-hr spots
(2) Max = maximum 2-hr COH per day
(3) N = days with valid values
*. Max = maximum 2-hr COH per month
Values greater than 6.0 underestimate actual value

Table 4-7. JULY, 1967. 2-HOUR AVERAGE SOILING INDEX (COHS per 1000 lineal feet)

| Day of month | Time, starting hour | | | | | | | | | | | | Average | N(1) | Max(2) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0000 | 0200 | 0400 | 0600 | 0800 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 | 2200 | | | |
| 01 | 0.9 | 0.5 | 0.7 | 0.7 | 0.7 | 0.6 | 0.1 | 0.5 | 0.7 | 0.5 | 0.8 | 0.6 | 0.64 | 12 | 0.9 |
| 02 | 0.6 | 0.5 | 0.5 | 0.5 | 0.6 | 0.2 | 0.3 | 0.1 | 0.5 | 0.3 | 0.6 | 0.4 | 0.48 | 12 | 0.6 |
| 03 | 0.4 | 0.0 | 0.6 | 0.8 | 0.7 | 0.4 | 0.6 | 0.4 | 0.6 | 0.8 | 0.7 | 0.8 | 0.62 | 12 | 0.8 |
| 04 | 0.5 | 0.8 | 0.3 | 0.3 | 0.3 | 0.2 | 0.3 | | 0.5 | 0.1 | 0.2 | 0.5 | 0.41 | 11 | 0.8 |
| 05 | 0.1 | 0.3 | 0.1 | 0.5 | 0.6 | 0.2 | 0.7 | 0.7 | 0.5 | 0.7 | 0.6 | 0.4 | 0.49 | 12 | 0.7 |
| 06 | 0.1 | 0.4 | 0.2 | 0.6 | 0.4 | 1.0 | 0.4 | 0.8 | 0.9 | 0.6 | 1.1 | 0.4 | 0.62 | 12 | 1.1 |
| 07 | 0.4 | 0.5 | 0.6 | 0.7 | 0.6 | 0.6 | 0.5 | 0.8 | 0.7 | 0.9 | 0.6 | 0.8 | 0.70 | 12 | 0.9 |
| 08 | 0.7 | 0.8 | 1.7 | 1.1 | 1.1 | 1.0 | 1.3 | 1.0 | 0.8 | 0.6 | 1.2 | 0.9 | 1.07 | 12 | 1.7 |
| 09 | 0.3 | 0.5 | 0.4 | 0.6 | 1.1 | 0.8 | 0.4 | 0.2 | 0.5 | 0.5 | 0.7 | 0.4 | 0.58 | 12 | 1.1 |
| 10 | 0.5 | 0.7 | 0.5 | 1.1 | 1.3 | 1.3 | 0.9 | 0.8 | 1.1 | 0.6 | 0.5 | 0.9 | 0.90 | 12 | 1.3 |
| 11 | 0.7 | 2.1 | 2.1 | 2.2 | 2.0 | 1.4 | 0.7 | 1.0 | 0.8 | 0.8 | 1.1 | 0.8 | 1.35 | 12 | 2.2 |
| 12 | 0.9 | 0.5 | 0.7 | 1.0 | 0.7 | 0.4 | 0.3 | 0.8 | 0.8 | 0.8 | 0.6 | 0.6 | 0.73 | 12 | 1.0 |
| 13 | 0.5 | 0.5 | 0.6 | 1.1 | 0.6 | 0.7 | 0.6 | 0.9 | 0.8 | 0.8 | 0.7 | 1.0 | 0.77 | 12 | 1.1 |
| 14 | 0.9 | 0.8 | 0.7 | 1.1 | 0.8 | 0.5 | 0.6 | 0.8 | 0.6 | 0.4 | 0.6 | | 0.75 | 11 | 1.1 |
| 15 | 0.2 | 0.4 | 0.9 | 0.4 | 0.2 | 0.1 | 0.6 | 0.5 | 0.6 | 0.4 | 0.3 | 0.8 | 0.49 | 12 | 0.9 |
| 16 | 0.9 | 0.9 | 0.9 | 0.5 | 0.4 | 0.2 | 0.7 | 0.3 | 0.4 | 0.5 | 0.9 | 1.0 | 0.67 | 12 | 1.0 |
| 17 | 1.0 | 0.7 | 0.8 | 0.9 | 0.9 | 0.3 | 0.4 | 0.8 | 0.6 | 0.7 | 1.1 | 1.3 | 0.83 | 12 | 1.3 |
| 18 | 0.8 | 0.7 | 0.4 | 1.2 | 1.0 | 0.6 | 1.2 | 1.1 | 0.6 | 1.1 | 1.1 | 0.8 | 0.92 | 12 | 1.2 |
| 19 | 0.8 | 0.7 | 1.0 | 0.7 | 0.4 | 0.5 | 0.9 | 0.9 | 0.6 | 0.6 | 0.4 | 0.2 | 0.67 | 12 | 1.0 |
| 20 | 0.3 | 0.7 | 0.4 | 0.8 | 0.7 | 0.7 | 0.8 | 0.7 | 0.7 | 0.7 | 0.7 | 0.3 | 0.65 | 12 | 0.8 |
| 21 | 0.8 | 2.4 | 2.7 | 2.6 | 1.0 | 0.7 | 0.5 | 1.1 | 0.9 | 0.6 | 1.5 | 0.8 | 1.35 | 12 | 2.7 |
| 22 | 1.2 | 0.7 | 0.6 | 0.9 | 0.6 | 0.5 | 0.4 | 0.4 | 0.5 | 0.5 | 0.6 | 0.5 | 0.66 | 12 | 1.2 |
| 23 | 0.5 | 0.1 | 0.5 | 0.8 | 0.6 | 0.6 | 0.3 | 0.2 | 0.7 | 0.5 | 0.2 | 0.3 | 0.48 | 12 | 0.8 |
| 24 | 0.7 | 0.1 | 0.4 | 0.8 | 0.9 | 0.9 | 0.8 | 0.7 | 0.3 | 0.9 | 1.3 | 0.7 | 0.75 | 12 | 1.3 |
| 25 | 0.8 | 0.7 | 1.0 | 1.4 | 0.5 | 0.3 | 0.6 | 0.7 | 0.4 | 0.2 | 1.2 | 1.7 | 0.84 | 12 | 1.7 |
| 26 | 2.1 | 1.2 | 1.5 | 1.0 | 1.1 | 0.7 | 1.0 | 1.8 | 1.8 | 0.8 | 0.7 | 0.8 | 1.24 | 12 | 2.1 |
| 27 | 0.5 | 0.7 | 1.0 | 0.9 | 1.3 | 1.2 | 0.9 | 0.9 | 0.6 | 0.9 | 0.3 | 0.2 | 0.82 | 12 | 1.3 |
| 28 | 0.4 | 0.4 | 0.4 | 0.9 | 0.5 | 0.2 | 0.2 | 0.1 | 1.0 | 0.9 | 0.7 | 0.8 | 0.58 | 12 | 1.0 |
| 29 | 2.3 | 2.0 | 1.9 | 1.5 | 1.3 | 0.4 | 0.4 | 0.2 | 0.7 | 0.7 | 1.1 | 0.7 | 1.13 | 12 | 2.3 |
| 30 | 0.6 | 0.5 | 0.8 | 1.2 | 0.6 | 0.9 | 0.9 | 0.9 | 0.6 | 0.4 | 0.7 | 0.7 | 0.76 | 12 | 1.2 |
| 31 | 0.3 | 1.1 | 1.2 | 1.3 | 0.6 | 0.7 | 0.6 | 0.9 | 0.8 | 1.0 | 0.5 | 0.2 | 0.81 | 12 | 1.3 |
| AVG | 0.70 | 0.73 | 0.84 | 0.97 | 0.77 | 0.60 | 0.60 | 0.70 | 0.69 | 0.63 | 0.75 | 0.67 | .71 | | |
| N(3) | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 31 | 31 | 31 | 30 | | 370 | |
| MAX* | 2.3 | 2.4 | 2.7 | 2.6 | 2.0 | 1.4 | 1.3 | 1.8 | 1.8 | 1.1 | 1.5 | 1.7 | 1.35 | | 2.7 |

(1) N = number of valid 2-hr spots
(2) Max = maximum 2-hr COH per day
(3) N = days with valid values
* Max = maximum 2-hr COH per month
Values greater than 6.0 underestimate actual value

Table 4-8. AUGUST, 1967, 2-HOUR AVERAGE SOILING INDEX (COHS per 1000 lineal feet)

| Day of month | Time, starting hour | | | | | | | | | | | | Average | N(1) | Max(2) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0000 | 0200 | 0400 | 0600 | 0800 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 | 2200 | | | |
| 01 | 0.2 | 0.1 | 0.5 | 0.8 | 1.0 | 0.8 | 0.7 | 1.5 | 1.1 | 0.7 | 0.8 | 2.1 | 0.90 | 12 | 2.1 |
| 02 | 1.6 | 1.0 | 1.1 | 1.6 | 1.4 | 0.9 | 0.7 | 1.0 | 0.8 | 1.1 | 1.2 | 0.7 | 1.12 | 12 | 1.6 |
| 03 | 0.3 | 0.7 | 2.0 | 2.0 | 0.9 | 1.1 | 0.8 | 0.7 | 0.4 | 0.7 | 1.3 | 1.5 | 1.07 | 12 | 2.0 |
| 04 | 0.8 | 0.5 | 1.0 | 1.2 | 0.6 | 0.6 | 0.3 | 0.6 | 0.4 | 0.2 | 0.0 | 0.4 | 0.60 | 12 | 1.2 |
| 05 | 0.0 | 1.2 | 1.3 | 1.5 | 0.9 | 0.9 | 0.5 | 0.6 | 0.5 | 0.7 | 0.8 | 1.3 | 0.89 | 12 | 1.5 |
| 06 | 1.0 | 1.3 | 0.7 | 0.9 | 0.4 | 0.7 | 0.3 | 0.4 | 0.6 | 0.5 | 0.5 | 0.4 | 0.68 | 12 | 1.3 |
| 07 | 0.1 | 0.2 | 0.6 | 0.6 | 0.9 | 0.4 | 0.7 | 0.8 | 0.8 | 0.6 | 0.5 | 0.4 | 0.58 | 12 | 0.9 |
| 08 | 0.4 | 0.5 | 0.4 | 1.4 | 1.0 | 0.3 | 0.3 | 0.1 | 0.6 | 0.2 | 0.4 | 0.6 | 0.55 | 12 | 1.4 |
| 09 | 0.8 | 0.8 | 0.9 | 1.1 | 1.2 | 0.6 | 0.9 | 1.0 | 1.0 | 0.3 | 0.5 | 0.2 | 0.81 | 12 | 1.2 |
| 10 | 0.1 | 0.2 | 0.7 | 1.1 | 0.5 | 0.7 | 0.7 | 0.9 | 0.4 | 0.3 | 0.6 | 0.3 | 0.59 | 12 | 1.1 |
| 11 | | 0.4 | | 0.7 | 0.5 | 0.6 | 0.4 | 0.7 | 0.2 | 0.4 | 0.5 | 0.4 | 0.53 | 10 | 0.7 |
| 12 | 1.3 | 2.7 | 1.9 | 1.4 | 0.6 | 0.1 | 0.0 | 0.2 | 0.5 | 0.1 | 0.1 | 0.6 | 0.83 | 12 | 2.7 |
| 13 | 2.2 | 1.3 | 1.7 | 1.5 | 0.6 | 0.1 | | 0.4 | 0.0 | 0.6 | 0.1 | 0.9 | 0.91 | 11 | 2.2 |
| 14 | 1.2 | 1.2 | 1.5 | 1.5 | 1.4 | 0.9 | 0.1 | 0.3 | 0.1 | 0.7 | 1.1 | 1.4 | 0.99 | 12 | 1.5 |
| 15 | 0.6 | 0.7 | 0.5 | 1.3 | 0.8 | 0.9 | 0.8 | 0.5 | 0.8 | 0.7 | 1.1 | 0.9 | 0.84 | 12 | 1.3 |
| 16 | 0.8 | 1.1 | 1.4 | 1.2 | 1.0 | 0.7 | 0.6 | 0.4 | 0.6 | 0.7 | 0.7 | 0.4 | 0.84 | 12 | 1.4 |
| 17 | 0.6 | 0.7 | 0.3 | 0.5 | 0.8 | 0.5 | 0.5 | 0.4 | 0.7 | 0.5 | 0.1 | 0.4 | 0.55 | 12 | 0.8 |
| 18 | 0.7 | 0.5 | 0.6 | 0.6 | 0.4 | 0.8 | 0.4 | 0.6 | 0.5 | 0.4 | 0.7 | | 0.59 | 11 | 0.8 |
| 19 | 0.2 | | 0.5 | 0.7 | 1.0 | 1.0 | 0.9 | 0.6 | 0.5 | 0.7 | 0.6 | 0.9 | 0.73 | 11 | 1.0 |
| 20 | 0.5 | 0.7 | 0.8 | 0.8 | 0.5 | 0.6 | 0.1 | 0.1 | 0.1 | 0.4 | 0.9 | 0.5 | 0.55 | 12 | 0.9 |
| 21 | 0.5 | 0.7 | 0.9 | 1.1 | 1.0 | 0.4 | 0.6 | 0.4 | 0.4 | 0.4 | 0.3 | 0.1 | 0.61 | 12 | 1.1 |
| 22 | 0.5 | 0.1 | 0.7 | 0.3 | 0.8 | 0.2 | 0.5 | 0.7 | 0.8 | 0.5 | 0.2 | 0.1 | 0.50 | 12 | 0.8 |
| 23 | 0.2 | 0.0 | 0.2 | 0.5 | 0.2 | 0.3 | 0.8 | 0.6 | 0.8 | 0.6 | 0.9 | 0.4 | 0.50 | 12 | 0.9 |
| 24 | 0.0 | 0.1 | 0.2 | 0.7 | 0.5 | 0.6 | 0.5 | 1.0 | 0.8 | 0.9 | 0.5 | 0.1 | 0.53 | 12 | 1.0 |
| 25 | 0.1 | | | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | | | |
| 28 | | | | | | 0.2 | 0.4 | 0.6 | 0.9 | 1.4 | 1.5 | 1.5 | 1.00 | 07 | 1.5 |
| 29 | 1.1 | 0.8 | 0.9 | 0.7 | 0.6 | 0.4 | 0.7 | 0.8 | 0.8 | 1.1 | 0.9 | 0.7 | 0.84 | 12 | 1.1 |
| 30 | 0.5 | 0.4 | 0.5 | 0.7 | 1.0 | 0.4 | 0.6 | 0.9 | 0.6 | 0.3 | 0.4 | 0.2 | 0.58 | 12 | 1.0 |
| 31 | | | | 0.6 | 0.7 | 0.4 | 0.2 | 1.0 | 0.6 | 0.6 | 0.0 | 0.5 | 0.55 | 09 | 1.0 |
| AVG | 0.62 | 0.71 | 0.87 | 1.00 | 0.78 | 0.57 | 0.51 | 0.63 | 0.58 | 0.58 | 0.61 | 0.66 | .68 | | |
| N(3) | 26 | 25 | 25 | 27 | 27 | 28 | 27 | 28 | 28 | 28 | 28 | 27 | | 323 | |
| MAX* | 2.2 | 2.7 | 2.0 | 2.0 | 1.4 | 1.1 | 0.9 | 1.5 | 1.1 | 1.4 | 1.5 | 2.1 | 1.12 | | 2.7 |

(1) N = number of valid 2-hr spots
(2) Max = maximum 2-hr COH per day
(3) N = days with valid values
*. Max = maximum 2-hr COH per month
Values greater than 8.0 underestimate actual value

Table 4-9. SEPTEMBER. 1967. 2-HOUR AVERAGE SOILING INDEX (COHS per 1000 lineal feet)

| Day of month | Time, starting hour | | | | | | | | | | | | Average | N(1) | Max(2) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0000 | 0200 | 0400 | 0600 | 0800 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 | 2200 | | | |
| 01 | | 0.6 | 2.7 | 1.2 | 0.7 | 0.3 | 0.3 | 0.5 | 0.7 | 0.5 | 0.3 | 0.7 | 0.82 | 11 | 2.7 |
| 02 | 0.5 | 0.3 | 0.7 | 0.5 | 0.4 | 0.3 | 0.4 | 0.4 | 0.5 | 0.3 | 0.7 | 0.6 | 0.51 | 12 | 0.7 |
| 03 | 0.4 | 0.1 | 0.3 | 1.0 | 0.6 | 0.4 | 0.2 | 0.4 | 0.5 | 0.3 | 0.5 | 0.2 | 0.44 | 12 | 1.0 |
| 04 | 0.2 | 0.1 | 0.3 | 1.4 | 0.7 | 0.2 | 0.3 | 0.5 | 1.0 | 0.5 | 0.3 | 0.7 | 0.55 | 12 | 1.4 |
| 05 | 0.2 | 0.1 | 0.8 | 1.1 | 0.3 | 0.3 | 0.6 | 0.8 | 0.5 | 0.1 | 0.6 | 0.9 | 0.56 | 12 | 1.1 |
| 06 | 0.8 | 3.1 | 3.1 | 3.3 | 0.6 | 1.0 | 0.3 | 0.6 | 0.3 | 0.7 | 0.3 | 0.6 | 1.28 | 12 | 3.3 |
| 07 | 0.4 | 0.5 | 1.1 | 1.8 | 0.8 | 0.6 | 1.3 | 1.0 | 0.9 | 0.6 | 0.8 | 0.9 | 0.94 | 12 | 1.8 |
| 08 | 1.3 | 3.1 | 2.8 | 3.5 | 2.4 | 1.2 | 1.3 | 1.0 | 1.1 | 1.1 | 0.5 | 0.6 | 1.69 | 12 | 3.5 |
| 09 | 0.5 | 0.5 | 1.0 | 0.6 | 0.1 | 0.4 | 0.7 | 0.7 | 0.3 | 0.1 | 0.2 | 0.0 | 0.47 | 12 | 1.0 |
| 10 | 0.1 | 0.3 | | | 0.1 | 0.0 | 0.0 | 0.5 | 0.3 | 0.2 | 0.2 | 0.2 | 0.23 | 10 | 0.5 |
| 11 | 0.4 | 0.1 | 0.4 | 0.1 | 0.4 | | 0.1 | 0.0 | 0.0 | 0.2 | 0.6 | 0.3 | 0.28 | 11 | 0.6 |
| 12 | 0.5 | 1.3 | 1.6 | 2.2 | 2.1 | 1.1 | 0.6 | 0.4 | 0.5 | 0.5 | 0.7 | 0.6 | 1.04 | 12 | 2.2 |
| 13 | 0.3 | 0.9 | 1.1 | 1.5 | 0.3 | 0.4 | 0.5 | 0.6 | 1.0 | 0.8 | 1.0 | 0.8 | 0.81 | 12 | 1.5 |
| 14 | 0.6 | 0.7 | 1.1 | 1.5 | 1.1 | 0.8 | 0.9 | 1.5 | 1.9 | 1.1 | 1.2 | 1.1 | 1.18 | 12 | 1.9 |
| 15 | 1.4 | 0.8 | 1.3 | 1.7 | 0.9 | 0.6 | 0.3 | 0.1 | 0.2 | 0.8 | 1.5 | 1.2 | 0.95 | 12 | 1.7 |
| 16 | 1.2 | 0.8 | 1.2 | 0.8 | 0.4 | 0.7 | 1.0 | 0.7 | 0.6 | 0.3 | 0.8 | 1.6 | 0.90 | 12 | 1.6 |
| 17 | 1.0 | 0.6 | 0.6 | 0.8 | 0.7 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.6 | 0.0 | 0.56 | 12 | 1.0 |
| 18 | 0.1 | 0.3 | | 0.2 | 0.0 | 1.1 | 1.0 | 1.5 | 1.4 | 1.2 | 0.9 | 0.9 | 0.84 | 11 | 1.5 |
| 19 | 1.2 | 1.1 | 1.1 | 1.2 | 1.0 | 0.7 | 0.8 | 0.9 | 1.1 | 0.7 | 0.8 | 1.9 | 1.09 | 12 | 1.9 |
| 20 | 1.7 | 0.8 | 0.8 | 1.1 | 1.0 | 0.9 | 0.8 | 0.7 | 0.6 | 0.6 | 0.7 | 0.4 | 0.88 | 12 | 1.7 |
| 21 | 0.5 | 1.2 | 1.1 | 1.0 | 0.7 | 0.7 | 0.7 | 0.9 | 0.9 | 0.4 | 0.6 | 0.4 | 0.79 | 12 | 1.2 |
| 22 | | 0.1 | 0.2 | 0.9 | 0.8 | 0.3 | 0.5 | 0.7 | 0.8 | 0.4 | 0.4 | 0.3 | 0.52 | 11 | 0.9 |
| 23 | 2.4 | 1.9 | 1.2 | 0.8 | 0.9 | 0.6 | 0.7 | 0.8 | 0.3 | 1.0 | 0.9 | 0.8 | 1.06 | 12 | 2.4 |
| 24 | 0.4 | 0.5 | 0.7 | 0.9 | 0.6 | 0.3 | 0.1 | 0.3 | 0.5 | 0.8 | 2.3 | 2.0 | 0.83 | 12 | 2.3 |
| 25 | 1.4 | 2.2 | 2.4 | 2.2 | 1.1 | 0.7 | 0.7 | 0.4 | 0.8 | 0.7 | 0.8 | 0.5 | 1.19 | 12 | 2.4 |
| 26 | 0.4 | 0.7 | 0.6 | 1.0 | 0.7 | 0.6 | 0.5 | 0.9 | 0.6 | 0.8 | 1.0 | 0.4 | 0.71 | 12 | 1.0 |
| 27 | 0.5 | 0.6 | 0.7 | 1.6 | 1.0 | 0.9 | 0.9 | 0.9 | 0.9 | 0.5 | 0.5 | 0.3 | 0.81 | 12 | 1.6 |
| 28 | 0.3 | 0.2 | 0.3 | 0.4 | 0.7 | 0.6 | 1.0 | 1.3 | 1.1 | 0.8 | 1.2 | 0.7 | 0.75 | 12 | 1.3 |
| 29 | 0.8 | 0.7 | 1.5 | 2.0 | 1.7 | 1.3 | 1.2 | 1.1 | 1.5 | 1.3 | 1.3 | 1.2 | 1.35 | 12 | 2.0 |
| 30 | 0.9 | 1.4 | 1.6 | 2.3 | 1.7 | 1.6 | 0.8 | 0.8 | 1.0 | 1.3 | 1.0 | 1.0 | 1.32 | 12 | 2.3 |
| AVG | 0.72 | 0.85 | 1.15 | 1.33 | 0.81 | 0.65 | 0.63 | 0.70 | 0.74 | 0.63 | 0.77 | 0.72 | .79 | | |
| N(3) | 28 | 30 | 28 | 29 | 30 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | | 354 | |
| MAX* | 2.4 | 3.1 | 3.1 | 3.5 | 2.4 | 1.6 | 1.3 | 1.5 | 1.9 | 1.3 | 2.3 | 2.0 | 1.69 | | 3.5 |

(1) N = number of valid 2-hr spots
(2) Max = maximum 2-hr COH per day
(3) N = days with valid values
* Max = maximum 2-hr COH per month
Values greater than 8.0 underestimate actual value

Table 4-10. OCTOBER 1967, 2-HOUR AVERAGE SOILING INDEX (COHS per 1000 lineal feet)

| Day of month | Time, starting hour | | | | | | | | | | | | Average | N(1) | Max(2) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0000 | 0200 | 0400 | 0600 | 0800 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 | 2200 | | | |
| 01 | 3.5 | 2.8 | 1.9 | 3.1 | 2.2 | 1.2 | 0.5 | 0.6 | 1.2 | 1.0 | 1.0 | 0.6 | 1.68 | 12 | 3.5 |
| 02 | 0.8 | 0.7 | 1.1 | 1.5 | 0.9 | 0.8 | 0.7 | 0.7 | 0.8 | 1.0 | 0.7 | 0.7 | 0.93 | 12 | 1.5 |
| 03 | 0.7 | 0.6 | 0.9 | 1.1 | 0.8 | 0.7 | 0.7 | 0.6 | 1.1 | 1.6 | 1.1 | 0.7 | 0.93 | 12 | 1.6 |
| 04 | 0.7 | 0.7 | 0.8 | 1.1 | 1.1 | 0.6 | 0.4 | 0.6 | 1.0 | 0.9 | 1.1 | 1.2 | 0.89 | 12 | 1.2 |
| 05 | 0.7 | 0.8 | 0.5 | 0.7 | 0.5 | 0.5 | 0.4 | 0.7 | 0.6 | 0.4 | 0.4 | 0.3 | 0.59 | 12 | 0.8 |
| 06 | 0.2 | 0.2 | 0.3 | 0.9 | 0.6 | 0.6 | 0.6 | 0.9 | 1.1 | 0.5 | 0.5 | 0.2 | 0.59 | 12 | 1.1 |
| 07 | 0.3 | 0.1 | 0.1 | 0.4 | 0.9 | 0.9 | 1.1 | 1.1 | 1.1 | 1.3 | 1.1 | 1.2 | 0.84 | 12 | 1.3 |
| 08 | 0.8 | 0.5 | 0.5 | 0.5 | 0.4 | 0.7 | 0.5 | 0.5 | 0.8 | 0.8 | 0.6 | 0.5 | 0.64 | 12 | 0.8 |
| 09 | 0.7 | 0.8 | 0.9 | 1.7 | 1.0 | 1.3 | 0.9 | 1.0 | 1.1 | 1.3 | 1.0 | 1.2 | 1.11 | 12 | 1.7 |
| 10 | 0.9 | 0.8 | 1.4 | 1.6 | 1.6 | 1.2 | 1.1 | 1.4 | 1.0 | 1.2 | 1.2 | 1.2 | 1.27 | 12 | 1.6 |
| 11 | 0.8 | 0.8 | 1.8 | 1.9 | 1.4 | 1.2 | 1.3 | 1.1 | 1.0 | 1.1 | 1.2 | 2.7 | 1.41 | 12 | 2.7 |
| 12 | 2.2 | 3.6 | 5.1 | 4.8 | 1.8 | 0.9 | 0.9 | 1.0 | 1.6 | 2.5 | 1.7 | 1.1 | 2.13 | 12 | 5.1 |
| 13 | 0.7 | 1.0 | 1.1 | 1.4 | 1.7 | 1.5 | 1.6 | 1.8 | 1.7 | 1.8 | 1.8 | 2.2 | 1.57 | 12 | 2.2 |
| 14 | 1.5 | 1.6 | 2.9 | 3.4 | 3.7 | 2.0 | 1.4 | 1.1 | 1.4 | 1.5 | 1.9 | 1.9 | 2.06 | 12 | 3.7 |
| 15 | 1.1 | 0.9 | 1.0 | 0.9 | 1.6 | 1.3 | 1.6 | 1.6 | 1.5 | 1.8 | 1.5 | 1.0 | 1.35 | 12 | 1.8 |
| 16 | 0.7 | 0.9 | 0.8 | 1.0 | 1.2 | 0.9 | 0.9 | 1.2 | 0.7 | 0.6 | 0.7 | 0.5 | 0.89 | 12 | 1.2 |
| 17 | 0.3 | 0.6 | 0.5 | 1.2 | 0.8 | 0.7 | 0.6 | 0.9 | 1.7 | 1.7 | 1.2 | 1.1 | 0.98 | 12 | 1.7 |
| 18 | 0.8 | 0.8 | 1.8 | 2.2 | 1.3 | 1.0 | 1.0 | 0.7 | 0.1 | 0.1 | 0.7 | 0.9 | 0.99 | 12 | 2.2 |
| 19 | 0.8 | 0.5 | 1.4 | 1.4 | 1.1 | 1.0 | 0.7 | 0.8 | 1.1 | 2.8 | 2.9 | 1.5 | 1.38 | 12 | 2.9 |
| 20 | 0.5 | 0.5 | 0.6 | 1.3 | 1.0 | 0.8 | 0.6 | 0.7 | 1.0 | 1.0 | 1.0 | 0.6 | 0.85 | 12 | 1.3 |
| 21 | 0.8 | 0.9 | 1.2 | 1.5 | 1.1 | 0.8 | 0.6 | 0.9 | 0.7 | 0.6 | 2.3 | 2.2 | 1.17 | 12 | 2.3 |
| 22 | 3.1 | 2.3 | 2.6 | 2.3 | 0.8 | 0.4 | 0.5 | 0.7 | 1.3 | 1.4 | 1.0 | 0.9 | 1.47 | 12 | 3.1 |
| 23 | 1.0 | 1.0 | 1.5 | 1.5 | 1.5 | 0.5 | 0.5 | 1.2 | 1.3 | 1.3 | 1.0 | 0.4 | 1.09 | 12 | 1.5 |
| 24 | 0.6 | 0.6 | 0.9 | 1.2 | 1.3 | 1.0 | 0.6 | 0.9 | 0.7 | 0.8 | 0.7 | 0.5 | 0.86 | 12 | 1.3 |
| 25 | 0.4 | 0.5 | 2.1 | 1.4 | 1.0 | 0.8 | 1.0 | 0.7 | 0.9 | 1.3 | 0.8 | 0.9 | 1.02 | 12 | 2.1 |
| 26 | 0.5 | 0.8 | 1.8 | 1.8 | 1.3 | 1.2 | 1.3 | 0.8 | 1.0 | 1.1 | 2.7 | 1.4 | 1.36 | 12 | 2.7 |
| 27 | 0.6 | 0.7 | 1.6 | 1.7 | 1.5 | 1.2 | 1.3 | 1.2 | 2.0 | 1.3 | 1.5 | 1.5 | 1.38 | 12 | 2.0 |
| 28 | 1.7 | 1.6 | 2.0 | 3.5 | 1.8 | 0.6 | 0.7 | 0.7 | 1.1 | 1.5 | 1.7 | 1.8 | 1.59 | 12 | 3.5 |
| 29 | 1.4 | 1.5 | 1.5 | 1.9 | 1.4 | 1.4 | 1.4 | 1.5 | 0.9 | 1.1 | 0.9 | 1.1 | 1.37 | 12 | 1.9 |
| 30 | 0.7 | 1.5 | 1.4 | 1.6 | 1.5 | 1.4 | 0.9 | 1.6 | 2.2 | 2.7 | 2.6 | 0.8 | 1.61 | 12 | 2.7 |
| 31 | 1.0 | 0.8 | 1.1 | 1.6 | 1.1 | 1.0 | 0.5 | 0.5 | 1.3 | 1.1 | 1.2 | 0.7 | 1.03 | 12 | 1.6 |
| AVG | 0.98 | 1.01 | 1.39 | 1.61 | 1.28 | 0.97 | 0.86 | 0.95 | 1.12 | 1.26 | 1.28 | 1.08 | 1.13 | | |
| N(3) | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | 372 | |
| MAX* | 3.5 | 3.6 | 5.1 | 3.5 | 3.7 | 2.0 | 1.6 | 1.8 | 2.2 | 2.8 | 2.9 | 2.7 | 2.13 | | 5.1 |

(1) N = number of valid 2-hr spots
(2) Max = maximum 2-hr COH per day
(3) N = days with valid values
* Max = maximum 2-hr COH per month
Values greater than 6.0 underestimate actual value

Table 4-11. NOVEMBER, 1967. 2-HOUR AVERAGE SOILING INDEX (COHS per 1000 lineal feet)

| Day of month | Time, starting hour | | | | | | | | | | | | Average | N(1) | Max(2) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0000 | 0200 | 0400 | 0600 | 0800 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 | 2200 | | | |
| 01 | 1.0 | 0.7 | 1.0 | 0.9 | 1.8 | 2.7 | 1.2 | 1.1 | 1.0 | 0.8 | 1.0 | 0.7 | 1.21 | 12 | 2.7 |
| 02 | 1.0 | 1.0 | 1.1 | 1.3 | 2.0 | 1.8 | 1.5 | 1.3 | 1.4 | 0.6 | 0.4 | 0.4 | 1.18 | 12 | 2.0 |
| 03 | 0.9 | 1.0 | 1.5 | 2.0 | 1.8 | 1.5 | 1.1 | 1.0 | 1.5 | 1.3 | 1.3 | 1.5 | 1.40 | 12 | 2.0 |
| 04 | 1.3 | 1.0 | 1.0 | 1.3 | 0.8 | 1.0 | 0.8 | 1.2 | 1.1 | 1.3 | 1.4 | 1.2 | 1.14 | 12 | 1.4 |
| 05 | 0.6 | 0.5 | 0.7 | 1.0 | 1.1 | 0.7 | 1.0 | 0.9 | 0.9 | 0.8 | 0.9 | 0.7 | 0.85 | 12 | 1.1 |
| 06 | 0.9 | 0.8 | 2.3 | 1.7 | 1.8 | 1.5 | 1.4 | 1.5 | 1.2 | 1.4 | 2.2 | 2.1 | 1.60 | 12 | 2.3 |
| 07 | 1.2 | 1.1 | 1.9 | 3.0 | 2.5 | 1.3 | 1.2 | 1.5 | 2.1 | 2.2 | 2.1 | 4.2 | 2.07 | 12 | 4.2 |
| 08 | 2.3 | 2.3 | 2.1 | 4.7 | 1.0 | 1.1 | 0.8 | 0.9 | 1.8 | 1.5 | 1.0 | 1.2 | 1.59 | 12 | 2.7 |
| 09 | 1.1 | 1.4 | 2.3 | 6.5 | 2.6 | 1.2 | 0.8 | 0.9 | 1.3 | 1.1 | 1.1 | 2.9 | 1.64 | 12 | 2.9 |
| 10 | 2.0 | 2.0 | 1.7 | 3.0 | 2.1 | 1.4 | 1.4 | 0.9 | 1.1 | 1.1 | 1.3 | 0.8 | 1.60 | 12 | 3.0 |
| 11 | 1.0 | 1.1 | 0.6 | 1.4 | 1.0 | 1.3 | 1.1 | 0.9 | 1.2 | 1.2 | 0.7 | 0.4 | 1.04 | 12 | 1.4 |
| 12 | 0.4 | 1.1 | 0.6 | 0.8 | 0.7 | 0.5 | 0.5 | 0.8 | 1.2 | 1.0 | 1.1 | 0.8 | 0.85 | 12 | 1.2 |
| 13 | 0.8 | 0.4 | 1.1 | 1.4 | 1.5 | 1.4 | 1.3 | 1.6 | 1.3 | 1.8 | 1.7 | 1.0 | 1.31 | 12 | 1.8 |
| 14 | 0.9 | 0.8 | 0.8 | 1.1 | 1.2 | 1.2 | 1.1 | 1.6 | 2.0 | 2.0 | 0.8 | 0.8 | 1.24 | 12 | 2.0 |
| 15 | 0.7 | 0.9 | 1.6 | 2.2 | 2.5 | 2.0 | 1.0 | 1.6 | 1.3 | 0.7 | 2.3 | 1.7 | 1.59 | 12 | 2.5 |
| 16 | 1.0 | 0.4 | 0.6 | 1.3 | 1.5 | 1.0 | 0.8 | 1.1 | 1.6 | 1.2 | 1.2 | 1.6 | 1.15 | 12 | 1.6 |
| 17 | 1.8 | 2.2 | 3.2 | 4.8 | 2.2 | 1.0 | 1.3 | 1.0 | 1.1 | 1.6 | 0.8 | 1.0 | 1.70 | 12 | 3.2 |
| 18 | 0.7 | 0.8 | 1.0 | 0.9 | 1.5 | 1.3 | 1.4 | 1.2 | 1.0 | 1.0 | 1.1 | 1.4 | 1.16 | 12 | 1.5 |
| 19 | 1.0 | 0.8 | 1.0 | 1.5 | 1.2 | 1.0 | 0.9 | 1.3 | 0.8 | 1.6 | 1.7 | 0.7 | 1.17 | 12 | 1.7 |
| 20 | 0.3 | 0.2 | 0.7 | 1.1 | 1.5 | 1.3 | 2.1 | 2.2 | 1.3 | 0.9 | 1.4 | 1.2 | 1.22 | 12 | 2.2 |
| 21 | 1.2 | 1.3 | 1.6 | 1.8 | 1.7 | 2.3 | 2.7 | 2.7 | 2.5 | 1.7 | 1.8 | 1.2 | 1.92 | 12 | 2.7 |
| 22 | | | | | | | 1.2 | 1.5 | 1.5 | 1.2 | 1.3 | 1.0 | | | |
| 23 | 1.1 | 0.6 | 0.8 | 0.9 | 1.2 | 0.9 | 0.8 | 0.8 | 0.7 | 0.9 | 0.8 | 1.3 | 0.94 | 12 | 1.3 |
| 24 | 0.8 | 1.0 | 1.3 | 1.9 | 1.8 | 1.7 | 1.3 | 1.3 | 1.7 | 1.9 | 1.3 | 1.6 | 1.49 | 12 | 1.9 |
| 25 | 1.2 | 1.4 | 1.3 | 2.2 | 1.5 | 1.5 | 1.5 | 1.5 | 1.3 | 0.8 | 1.0 | 1.1 | 1.39 | 12 | 2.2 |
| 26 | 1.2 | 1.6 | 1.7 | 1.4 | 1.5 | 0.9 | 1.1 | 0.7 | 1.0 | 1.3 | 0.9 | 0.5 | 1.18 | 12 | 1.7 |
| 27 | 1.0 | 1.0 | 0.8 | 1.6 | 1.3 | 0.7 | 1.2 | 1.3 | 1.3 | 1.2 | 1.1 | 1.3 | 1.18 | 12 | 1.6 |
| 28 | 0.8 | 1.1 | 1.1 | 4.3 | 1.7 | 1.3 | 0.9 | 1.4 | 1.6 | 1.5 | 1.9 | 1.5 | 1.48 | 12 | 2.3 |
| 29 | 1.5 | 1.9 | 1.9 | 1.8 | 3.8 | 1.5 | 2.5 | 2.7 | 2.2 | 1.2 | 1.4 | 0.7 | 1.96 | 12 | 3.8 |
| 30 | 0.7 | 0.6 | 0.6 | 0.9 | 1.0 | 1.2 | 1.2 | 0.9 | 1.3 | 1.4 | 1.9 | 2.6 | 1.23 | 12 | 2.6 |
| AVG | 1.04 | 1.06 | 1.30 | 1.67 | 1.64 | 1.31 | 1.23 | 1.30 | 1.37 | 1.27 | 1.29 | 1.31 | 1.31 | | |
| N(3) | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | | 348 | |
| MAX* | 2.3 | 2.3 | 3.2 | 3.0 | 3.8 | 2.7 | 2.7 | 2.7 | 2.5 | 2.2 | 2.3 | 4.2 | 2.07 | | 4.2 |

(1) N = number of valid 2-hr spots
(2) Max = maximum 2-hr COH per day
(3) N = days with valid values
* Max = maximum 2-hr COH per month
Values greater than 6.0 underestimate actual value

Table 4-12. DECEMBER, 1967, 2-HOUR AVERAGE SOILING INDEX (COHS per 1000 lineal feet)

| Day of month | Time, starting hour | | | | | | | | | | | | Average | N(1) | Max(2) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0000 | 0200 | 0400 | 0600 | 0800 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 | 2200 | | | |
| 01 | 2.3 | 1.6 | 1.5 | 1.9 | 2.4 | 1.8 | 1.7 | 1.7 | 1.6 | 1.7 | 1.3 | 1.4 | 1.78 | 12 | 2.4 |
| 02 | 0.6 | 1.4 | 1.6 | 1.2 | 0.8 | 1.0 | 1.1 | 1.2 | 1.1 | 0.6 | 0.9 | 1.1 | 1.10 | 12 | 1.6 |
| 03 | 1.1 | 1.2 | 0.9 | 0.9 | 1.6 | 1.7 | 1.1 | 0.8 | 1.1 | 1.1 | 0.7 | 1.0 | 1.13 | 12 | 1.7 |
| 04 | 0.9 | 1.6 | 1.6 | 2.4 | 2.2 | 1.7 | 0.9 | 1.1 | 1.4 | 1.3 | 0.7 | 1.3 | 1.48 | 12 | 2.4 |
| 05 | 1.2 | 1.0 | 1.1 | 1.4 | 1.9 | 1.7 | 1.4 | 2.4 | 3.3 | 2.8 | 2.6 | 1.7 | 1.92 | 12 | 3.3 |
| 06 | 1.4 | 1.3 | 1.1 | 3.7 | 3.4 | 2.2 | 1.8 | 2.0 | 3.0 | 2.1 | 2.1 | 2.2 | 2.23 | 12 | 3.7 |
| 07 | 1.6 | 1.2 | 1.2 | 1.0 | 1.0 | 1.3 | 1.2 | 1.0 | 1.2 | 1.0 | 1.4 | 1.1 | 1.22 | 12 | 1.6 |
| 08 | 1.1 | 1.0 | 1.9 | 2.0 | 1.4 | 1.2 | 0.6 | 1.2 | 1.3 | 1.4 | 1.2 | 0.9 | 1.31 | 12 | 2.0 |
| 09 | 0.6 | 0.3 | 0.4 | 0.5 | 1.0 | 0.7 | 0.7 | 0.6 | 1.2 | 0.7 | 0.9 | 0.9 | 0.77 | 12 | 1.2 |
| 10 | 0.5 | 0.1 | 0.5 | 0.8 | 0.7 | 0.3 | 1.0 | 0.5 | 0.9 | 0.5 | 0.6 | 0.4 | 0.62 | 12 | 1.0 |
| 11 | 2.0 | 1.6 | 1.3 | 1.4 | 1.7 | 1.3 | 1.2 | 1.3 | 1.7 | 1.3 | 1.2 | 1.0 | 1.45 | 12 | 2.0 |
| 12 | 1.2 | 1.1 | 0.9 | 1.8 | 1.6 | 1.9 | 1.3 | 1.2 | 1.7 | 1.9 | 1.7 | 1.7 | 1.54 | 12 | 1.9 |
| 13 | 1.1 | 0.4 | 0.8 | 1.9 | 1.0 | 1.4 | 1.0 | 1.4 | 1.2 | 1.7 | 1.3 | 1.5 | 1.27 | 12 | 1.9 |
| 14 | 1.0 | 0.7 | 1.1 | 1.9 | 1.5 | 1.6 | 1.2 | 1.1 | 1.6 | 1.7 | 1.7 | 1.8 | 1.45 | 12 | 1.9 |
| 15 | 1.3 | 1.3 | 1.3 | 1.9 | 1.5 | 1.8 | 1.1 | 1.6 | 1.6 | 1.8 | 1.7 | 1.6 | 1.57 | 12 | 1.9 |
| 16 | 1.3 | 1.4 | 1.6 | 4.6 | 3.4 | 3.0 | 1.8 | 1.4 | 1.6 | 1.2 | 1.6 | 1.2 | 1.88 | 12 | 3.4 |
| 17 | 1.6 | 1.7 | 1.8 | 2.7 | 2.4 | 2.2 | 1.0 | 1.3 | 1.2 | 1.1 | 0.8 | 0.9 | 1.60 | 12 | 2.7 |
| 18 | 0.9 | 0.7 | 1.5 | 1.9 | 1.6 | 1.6 | 1.5 | 1.1 | 1.6 | 1.6 | 1.5 | 1.4 | 1.46 | 12 | 1.9 |
| 19 | 1.6 | 2.0 | 2.9 | 3.0 | 1.8 | 1.7 | 0.7 | 1.0 | 1.2 | 1.3 | 1.4 | 1.6 | 1.72 | 12 | 3.0 |
| 20 | 2.0 | 2.3 | 3.3 | 3.3 | 2.1 | 2.7 | 1.7 | 1.9 | 1.7 | 2.0 | 1.9 | 1.8 | 2.26 | 12 | 3.3 |
| 21 | 1.3 | 0.8 | 0.7 | 1.9 | 1.9 | 1.6 | 1.4 | 1.6 | 1.6 | 1.0 | 0.7 | 0.9 | 1.32 | 12 | 1.9 |
| 22 | 0.7 | 0.8 | 1.1 | 1.9 | 1.7 | 1.2 | 1.1 | 1.3 | 1.6 | 1.3 | 1.0 | 1.7 | 1.32 | 12 | 1.9 |
| 23 | 1.4 | 1.3 | 1.2 | 1.4 | 1.4 | 2.0 | 1.2 | 1.2 | 0.4 | 1.1 | 1.0 | 1.4 | 1.29 | 12 | 2.0 |
| 24 | 1.1 | 1.7 | 1.6 | 2.7 | 2.9 | 1.1 | 1.6 | 1.5 | 1.1 | 1.4 | 0.9 | 1.2 | 1.60 | 12 | 2.9 |
| 25 | 0.8 | 1.0 | 1.6 | 2.0 | 1.9 | 1.6 | 1.4 | 1.4 | 1.8 | 1.4 | 1.8 | 1.3 | 1.55 | 12 | 2.0 |
| 26 | 1.0 | 1.0 | 1.1 | 1.9 | 1.4 | 1.7 | 2.3 | 1.9 | 2.2 | 2.3 | 3.7 | 3.2 | 2.01 | 12 | 3.7 |
| 27 | 3.1 | 2.9 | 3.1 | 4.9 | 3.6 | 1.6 | 2.0 | 1.8 | 1.4 | 1.2 | 1.4 | 1.2 | 2.39 | 12 | 4.9 |
| 28 | 1.4 | 2.1 | 2.1 | 1.0 | 0.7 | 0.5 | 0.7 | 2.5 | 2.4 | 2.1 | 1.6 | 3.1 | 1.71 | 12 | 3.1 |
| 29 | 3.2 | 2.2 | 3.0 | 4.0 | 3.2 | 2.0 | 1.3 | 1.6 | 1.2 | 1.1 | 1.2 | 1.3 | 2.15 | 12 | 4.0 |
| 30 | 0.8 | 0.9 | 1.1 | 1.8 | 1.5 | 2.1 | 1.6 | 2.0 | 1.0 | 1.4 | 0.8 | 1.0 | 1.37 | 12 | 2.1 |
| 31 | 0.7 | 0.7 | 0.8 | 1.0 | 0.9 | 0.9 | 1.0 | 1.0 | 2.2 | 1.6 | 1.8 | 1.7 | 1.23 | 12 | 2.2 |
| AVG | 1.31 | 1.26 | 1.47 | 2.02 | 1.80 | 1.58 | 1.27 | 1.40 | 1.55 | 1.44 | 1.39 | 1.43 | 1.49 | | |
| N(3) | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | 372 | |
| MAX* | 3.2 | 2.9 | 3.3 | 4.9 | 3.6 | 3.0 | 2.3 | 2.5 | 3.3 | 2.8 | 3.7 | 3.2 | 2.39 | | 4.9 |

(1) N = number of valid 2-hr spots
(2) Max = maximum 2-hr COH per day
(3) N = days with valid values
*, Max = maximum 2-hr COH per month
Values greater than 6.0 underestimate actual value

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